



# شركة الرسيل للطاقة ش.م.ع.م. AL-RUSAIL POWER COMPANY SAOC

SULTANATE OF OMAN

AL RUSAIL POWER COMPANY SAOC

August 2022

## TENDER DOCUMENT

*For*

***THE SALE OF DIESEL FUEL OIL LOCATED AT AL RUSAIL POWER PLANT SITE***

*by*

***AL RUSAIL POWER COMPANY SAOC***



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# SECTION 1

## INTRODUCTION

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### 1.1 Invitation to Purchase Diesel Fuel Oil

Al Rusail Power Company SAOC hereinafter referred to as the “Al Rusail Power Company” invites interested parties to purchase all the diesel fuel oil currently stored in two storage tanks situated at Al Rusail Power Plant site (the “Plant”) located near the town of Al Rusail in the Sultanate of Oman (“Oman”). The entire diesel fuel oil supply will be sold on an “as is where is” basis to the highest bidder and the Al Rusail Power Company invites local and international companies to purchase the entire supply.

The diesel fuel is being stored in two storage tanks as shown in Figure 1.



Figure 1: Diesel Fuel Oil Tanks

### 1.2 Al Rusail Power Company SAOC

Al Rusail Power Company SAOC is a subsidiary of SMN Power Holding Co. SMN Power Holding SAOG is a holding Company Al Rusail Power Company incorporated for the purpose of holding the shares of SMN Barka Power Company and Al Rusail Power Company SAOC. SMN Power Holding SAOG is directly or indirectly held by ENGIE SA (30.875%), Mubadala Development (30.875%) and other investors and the public (38.25%).

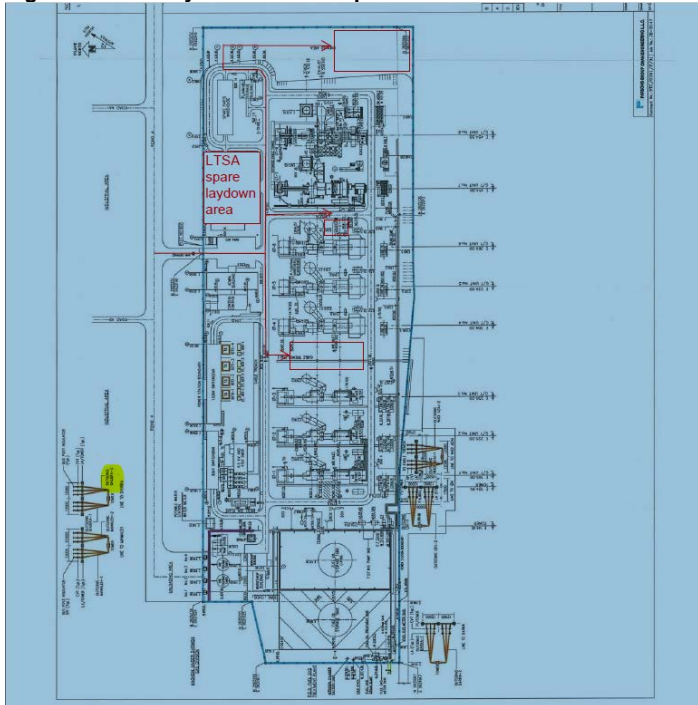
Al Rusail Power Plant consists of eight Frame 9E gas turbines installed in four phases between 1984 and 2000. Units 7 & 8 are installed in the year 1997 and 2000 respectively. Al Rusail's primary fuel is natural gas supplied by Ministry of Energy and Minerals (MEM), but diesel oil is also stored on site to serve as a backup fuel. Power capacity and production are sold to the OPWP under the 17-year PPA ending in October 2022. Power capacity and production are sold to the OPWP under the 17-year PPA ending in October 2022.

Al Rusail Power Company is now interested in selling 16,000,000 litres only of diesel fuel that is stored in the two storage tanks located at the Plant site. 12,000,000 liters will be available for delivery immediately after the bid's winner pays the required additional deposit of 25%, please refer to section 3.2. The remaining 4,000,000 liters will be available for delivery after October 31<sup>st</sup> 2022. The available capacity inside both the storage tanks is more than 16,000,000 liters. The diesel fuel oil has been recently tested and these test results are shown in Schedule 5-1. Bidders may wish to either rely on these results in determining the price they are willing to

pay or undertake their own tests, at their cost. In any case, Al Rusail Power Company is neither responsible nor liable for any outcome of test results.

Figure 2 shows the Plant Layout. Schedule 5-2 provides technical specifications regarding the diesel fuel oil tanks and related system.

**Figure 2: Plant Layout and Site Map**



### 1.3 Purchase Sales Agreement/Bill of Sales

A suitable Purchase Sales Agreement/Bill of Sales shall be entered into or provided with successful bidder.

### 1.4 Bid Due Date and Time

Bids must be submitted by the close of business (05 pm GST) on **September 8<sup>th</sup>, 2022**. Bids offered for submission after the bid due date and time will not be accepted by Al Rusail Power Company under any circumstances.

## SECTION 2

### INSTRUCTIONS TO BIDDERS

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#### 2.1 General

- 2.1.1 These instructions to those interested in purchasing all the diesel fuel oil are intended to aid Bidders in the preparation of their Bids.
- 2.1.2 Bidders are advised to read carefully these instructions prior to preparation of their Bid Submission. Failure to submit the information required in the format provided will be sufficient cause for rejection of the Bid, at the discretion of the Al Rusail Power Company.
- 2.1.3 Bidders will not be reimbursed for any cost incurred by them in the preparation and submission of their bids or for any visits to the Plant site for the purpose of inspecting the site including the fuel tanks and the fuel oil offered for sale.

#### 2.2 Bid Submission

- 2.2.1 The bid price for the diesel fuel oil shall be submitted in a sealed envelope addressed to:

**Al Rusail Power Company SAOC**

Qurum Building, Building No.1022, 1st Floor, Office No.15, Way No.1013, Al  
Qurum-Muscat.  
Sultanate of Oman

- 2.2.2 One (1) Original and one (1) Copy of the Bid Price Form containing the bid price for the diesel fuel oil shall be delivered not later than the date and time prescribed in this Invitation to Tender.
- 2.2.3 The Bidder shall be held responsible for ensuring that their bids are received in accordance with the instructions stated herein. Late bids shall not be considered even though late as a result of circumstances beyond the control of the bidder. Responsibility for actual physical delivery of submitted bids rests entirely with Bidders.
- 2.2.4 The Bid Price Form shall be submitted by each Bidder as per the format set out in Section 4, Schedule 4-2 and signed by the duly appointed Principal fully authorized to represent and bind the Bidder.
- 2.2.5 A Bid Bond is **not** required to be submitted along with the Bid Price Form. However, a down payment of 2% of the bid price plus VAT must be submitted with the Bid Price Form. For avoidance of doubt, and by way of example, if the bidder is offering to pay OMR 0.5 /- for each liter of diesel fuel, then the down payment is OMR 168,000/-.
- 2.2.6 The bid price shall be valid for sixty (60) days from the date fixed for the submission of the bid and shall be payable by a Bank Draft or a Manager's cheque.
- 2.2.7 The bid price currency must be submitted in Omani Rials and shall include 5% VAT, as shown in the Bid Price Form.

## 2.3 Site Visits

2.3.1 A site visit is scheduled for Bidders to view all or some parts of the equipment at the Plant. The site visit is planned for any time during the period 14<sup>th</sup> August to 18<sup>th</sup> August, 2022, from 9:00 am to 4:00 pm on any one of those days. If the Bidder wishes to visit the Plant outside of these dates, the Bidder may arrange a specific date and time by notifying its desire to do so by completing the Intention to Visit the Plant Form as per Section 4, Schedule 4-1.

2.4.2 Further detail regarding the exact date and time of the site visit will be communicated to Bidders as an Addenda, as per clause 2.3 of this section of the tender document.

## 2.4 Organization of Submitted Bid

2.4.1 The Bidder shall submit their bid price for the diesel fuel oil in line with the required information as set out in the Bid Price Form, sealed in an envelope containing one original and one copy, as per section 2.2.2. The envelope shall not bear any name or mark identifying the Bidder.

2.4.2 The diesel fuel oil is being offered on an "as is where is" bases, and it is each bidder's responsibility to safely remove the diesel fuel from the tanks at site within the prescribed time and in accordance with the standard safety and environmental procedures for removing such diesel fuel from storage tanks.

2.4.3 It is expected that the winning bidder must remove the diesel fuel oil from the Plant site within eighty (80) days of being notified by Al Rusail Power Company that their bid price has been successful. However, a longer period is possible subject to mutual agreement between the bidder and Al Rusail Power Company, the extended time of which must be agreed to within five (5) business days of the bidder being notified of their successful bid. If an agreement of extension time cannot be reached, Al Rusail Power Company has the right to reject the bid offer.

2.4.4 Al Rusail Power Company will notify each bidder whether their bid price is accepted or rejected.

## 2.5 Clarifications, Doubts or Obscurities

2.5.1 Any clarifications required with regard to the Tender Documents or any other related matter shall be communicated by email not later than 7 (seven) days before the date fixed for the submission of bids. If considered appropriate, a reply in the form of a circular letter/addendum will be communicated to all the potential Bidders.

2.5.2 Clarification requests shall be sent by email only to the following:

**Email to:**

[anupam.kunwar@smnpower.com](mailto:anupam.kunwar@smnpower.com)

[Aisha.albalushi@smnpower.com](mailto:Aisha.albalushi@smnpower.com)

**With a copy to:**

[Mohammed.Alrawahi@smnpower.com](mailto:Mohammed.Alrawahi@smnpower.com)

[Abdullah.alnaimi@smnpower.com](mailto:Abdullah.alnaimi@smnpower.com)

2.5.3 Replies to all clarifications will be issued within five (5) business days of receipt of the clarification, and issued to all interested potential bidders who have submitted Schedule 4.1. Business days in Oman are Sunday to Thursday, inclusive.

## **2.6 Bidder's Enclosures**

- 2.6.1 The bid submission shall be organized strictly as stipulated under Section 2.4 of the Tender Documents. The Bid Price Form submitted shall be endorsed with the Bidder's official Al Rusail Power Company stamp.
- 2.6.2 Where any Bidder does not comply with this requirement or if supporting documents and Schedules are not furnished, the bid submission may be rejected without any further requests or clarifications.

## **2.7 Evaluation of Submitted Bids**

- 2.7.1 Al Rusail Power Company will base its selection on the "highest price bid", and on the "best bid meeting Al Rusail Power Company's requirements".
- 2.7.2 Al Rusail Power Company may ask the bidder to arrange a meeting to clarify any portion of their response. Bidders must be prepared to do so at their cost. In addition, Bidders may be asked to respond to certain clarifications regarding their bids at any time during the evaluation process.

## **2.8 General Compliance Requirements**

- 2.8.1 The successful Bidder must adhere to Al Rusail Power Company's policy and procedure regarding health, safety and the environment at all times during the removal of diesel fuel oil from site, including during the site visits. All Bidders must confirm their commitment to abide by Al Rusail Power Company's policy and procedure regarding health, safety and environment at all times.

## **SECTION 3**

### **PAYMENT TERMS AND SCOPE OF WORK**

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#### **3.1 General**

The bidder is required to complete and sign off on the Bid Price Form, indicating:

- The bid price for the diesel fuel oil in terms of Omani Rial (OMR) per litre;
- The total bid price (based on 16,000,000 litres of fuel oil), including VAT; and,
- A certified Bank Draft (ie: Manager's Cheque) in the Company name (Al Rusail Power Company SAOC) payable in Oman as down payment in the amount of 2% of the Bid Price plus VAT.

#### **3.2 Other Terms and Conditions**

3.2.1 Payment must be in Omani Rials.

3.2.2 Once the successful bidder is notified that their submitted bid as recorded in the Bid Price Form has been accepted, the bidder must provide a further 25% of the bid price plus VAT and a Performance Guarantee equivalent to 10% over and above the full price (plus VAT). The 25% of the bid price plus VAT and the Performance Guarantee must be received within five (5) business days of being notified of the successful bid; otherwise, the down payment is forfeited and the diesel fuel oil will be offered to the next preferred bidder under the same terms and conditions.

3.2.3 The down payment (2% plus VAT) is non-refundable for the successful bidder once notified that they are the successful bidder.

3.2.4 The additional payment (25% plus VAT) is non-refundable once the successful bidder has made such payment.

3.2.5 The successful bidder must pay the balance for the diesel fuel based on the total volume of fuel estimated by the successful bidder and agreed to by Al Rusail Power Company before removing any of the diesel fuel oil from site.

3.2.6 The successful bidder must also pay 10% over and above the full price (plus VAT) as a performance guarantee, with payment either by a Bank Draft or Performance Bond, to secure the completion of the works according to Al Rusail Power Company's policy and procedure regarding health, safety and environment, meaning that this performance guarantee could be used to cover any extra costs incurred by Al Rusail Power Company in case of noncompliance. The performance bond will be returned upon successful removal of the diesel fuel from the Plant Site in case of nonuse by Al Rusail Power Company.

3.2.7 The diesel fuel oil is sold on an "as is where is" bases, and Al Rusail Power Company makes no warranties or guarantees whatsoever regarding the quality of the diesel fuel oil in the two storage tanks.

3.2.8 The successful bidder is responsible for removing the diesel fuel oil at their own cost from the storage tanks and transporting the diesel fuel oil in a safe and environmentally responsible manner, meeting all Omani laws, regulations and the plant Health & Safety policies and procedures without exception.



- 3.2.9 Any damage done to the Plant equipment and/or Plant structures and/or Plant Site while removing the diesel fuel by the bidder or their appointed contractor is the sole responsibility of the bidder, and Al Rusail Power Company reserves the right to demand payment from the bidder to repair or make whole any damage done to the Plant before the final volume of diesel fuel oil is removed from site.
- 3.2.10 All the purchased diesel fuel oil must be removed from site within eighty (80) days of award, unless Al Rusail Power Company and the successful buyer mutually agree to an extension of this time as per Section 2.6.3. In case the successful bidder fails to remove the diesel fuel oil from the site within eighty (80) days of award, Al Rusail Power Company has the right to terminate the contract that will be subscribed between the parties and restart the bidding process again with the remaining diesel fuel oil.
- 3.2.11 The 2% down payment received from unsuccessful bidders will be returned once the successful bidder has provided the 25% payment referred to in Section 3.2.2.
- 3.2.12 Prior to removal of the final volume of diesel fuel oil from site, Al Rusail Power Company will provide the successful bidder with a suitable "Purchase Sales Agreement"/ "Bill of Sales" at the appropriate time.
- 3.2.13. The property of the diesel fuel oil is transposed to the once the diesel fuel oil is paid and leaves the boundaries of the Plant Site, therefore the successful bidder is fully responsible from this moment onwards.
- 3.2.14. In case of any malfunction in any part of the Plant Site used by the successful bidder to pump/transport the diesel fuel oil, the successful bidder must have its own meanings to correct under its own responsibility. No assistance from Al Rusail Power Company should be foreseen.
- 3.2.15 The successful bidder can take delivery of 12,000,000 liters of fuel oil only before 31<sup>st</sup> October 2022 and the remaining 4,000,000 liters of fuel oil will be available for delivery after 31<sup>st</sup> October 2022.
- 3.2.16 Fuel oil in excess of 16,000,000 liters will be taken by the successful bidder at the same rate as the price quoted for 16,000,000 liters and the payments will be made by the bidder accordingly for the actual quantity delivered.

### **3.3 Local Taxes, Duties and All Other Taxes**

The successful bidder shall be responsible for the payment of all taxes and any levies that apply to the purchase, removal and transport of all the diesel fuel oil from the Plant site. Other than remitting VAT, Al Rusail Power Company shall not be responsible for any payment obligations whatsoever.

### **3.4 Visas and Permits**

The successful bidder(s) shall be responsible for obtaining all visas and permits required to remove the diesel fuel oil from the Plant site.

### **3.5 Validity of the Bid Price Form**

The offer shall remain valid for a period of sixty (60) days from the date of receipt of the Bid Price Form.

### **3.6 Insurance Cover**

The successful bidder shall provide to Al Rusail Power Company after being notified as the successful bidder, a valid Certificate of Insurance relating to diesel fuel oil being removed from the storage tanks and transported from the Plant Site.

### **3.7 Scope of Work**

The bidder shall be responsible for carrying out the entire works as described in this scope of work entirely at their own risk and cost. The following works shall be carried out by the successful bidder

- 3.7.1 The successful bidder must check the size of the fitting suitable for the isolation valve flange of the lowest drain point for each tank.
- 3.7.2 The successful bidder must install a flow meter for the extraction of the diesel fuel oil to confirm the exact quantity in each tank, and the flow meter must be calibrated and certified. The type, class and accuracy of the flow meter will be installed after approval. by Al Rusail Power Company.
- 3.7.3 A valid Certificate of Insurance relating to diesel fuel oil quantity being removed from the storage tanks and transported from the Plant Site has to be provided by the successful bidder.
- 3.7.4 Samples can be collected to confirm the properties of the diesel fuel oil; however, the entire cost of doing so is to the account of the successful bidder.
- 3.7.5 The successful bidder must drain the diesel fuel oil from all connected pipelines and pipeworks from underground & above ground lines.
- 3.7.6 The distance from the tank to the parking area to the connection point must be verified by the successful bidder, with all required materials and labour to be arranged by the successful bidder.
- 3.7.7 Fuel extraction pump must be provided along with the fuel tanker for loading the storage tanks.
- 3.7.8 The successful bidder shall ensure the availability of the appropriate type of portable fire extinguishers at designated locations, especially at the worksite & mobile tanker.
- 3.7.9 The successful bidder shall fully drain oil from valve cavities, 'dead-legs', and valve pits.
- 3.7.10 The successful bidder must describe the methodology, material and all associated equipment that will be used for draining the diesel fuel oil, for approval by Al Rusail.
- 3.7.11 The successful bidder must familiarize themselves and fully understand the site condition, job requirements and shall prepare and submit a "Preliminary Method Statement" and time schedule for completion of the work along with their bid.
- 3.7.12 The successful bidder shall submit the final Method Statement and Risk Assessments Report after award and before commencing the works. The risk assessment and method statement must provide details of the Health and Safety procedures which will be followed during removal, loading and transportation of the fuel oil.

- 3.7.13 Specific Methodology and Risk Assessment for all activities must be submitted to Al Rusail Power Company before the successful bidder can commence the works.
- 3.7.14 The successful bidder must comply with the plant safety standards to ensure that work is carried out in a manner that protects the health and safety requirements.
- 3.7.15 The successful bidder is responsible to provide coverall, safety shoes, safety helmet, safety goggles & (PPEs) to their personnel during the entire works.
- 3.7.16 The successful bidder shall be responsible for medical benefits, life insurance for his personnel and shall provide insurance certificates accordingly.
- 3.7.17 The bid price shall include all cost of manpower, consumables, materials, transportation, logistics covered under the successful bidder's scope and all other costs that may be incurred for execution of activities required for completion of the work successfully.

## SECTION 4 BID FORMS

### Schedule 4-1 INTENTION TO VISIT THE PLANT

Please submit the following form indicating your intention to visit the site on one or more of the days indicated, along with the number and names of the individuals planning to attend. Those individuals attending the Plant site visit must participate in a short induction process that covers health, safety, security, environmental matters regarding the Plant. Suitable Personal Protection Equipment ("PPE") equipment will be provided at the Plant, though those participating in the site visit may wish to use their own.

Number of Participants:		Company Name:	
Names of Participants:	1.		
	2.		
	3.		
	4.		
	5.		
Preferred Date(s):	<input type="checkbox"/> Sunday, August 14. <input type="checkbox"/> Wednesday, August 17 <input type="checkbox"/> Monday, August 15. <input type="checkbox"/> Thursday, August 18 <input type="checkbox"/> Tuesday, August 16. <input type="checkbox"/> Other _____		
Main Contact Details	Name:		
	Phone Number:		
	Email:		

Email Form to: [anupam.kunwar@smnpower.com](mailto:anupam.kunwar@smnpower.com); [ali.alhabsi@smnpower.com](mailto:ali.alhabsi@smnpower.com);

[mazin.siyabi@engie.com](mailto:mazin.siyabi@engie.com); [fahad.alamri@smnpower.com](mailto:fahad.alamri@smnpower.com)

The Plant Manager will inform the Main Contact of documentation requirements.

## Schedule 4-2

### BID PRICE FORM

This Bid Price Form which follows must be submitted by the due date stated in Section 1.4 and as may be revised as per Addenda issued to potential bidders.

Name of Bidder:		Date:	,2022	
Street Address:		Country:		
(1)	(2)	(3)	(4)	(5)
Quantity of Fuel Litres	Bid Price Per Litre OMR	Total Price OMR	VAT @ 5% OMR	Total Bid Price OMR
16,000,000		(1) X (2)	(3) X 5%	(3) + (4)
Grand Total Bid Price:				
Bid Price in Words:				
Down Payment of 2% of Grand Total Bid Price Included			<input type="checkbox"/> Yes	
Confirmation that insurance has been provided as described in clause 3.6			<input type="checkbox"/> Confirmed	
Confirmation that the Diesel Fuel Oil will be removed from the Plant Site within 80 days of the date recorded herein and that a "Preliminary Method Statement" for completion of the works as described in 3.7.11, 3.7.12 and 3.7.13 has been included with the bid.			<input type="checkbox"/> Confirmed	
Authorized Signature:				
Al Rusail Power Company Stamp:				

## SECTION 5 SCHEDULES

### SCHEDULE 5-1

#### DIESEL FUEL OIL TEST RESULTS

GEO-CHEM MIDDLE EAST



جيو - كيم ميديل ايسٽ

International Independent Inspection & Testing Company  
P.O. Box 1383, PC 133, Block No. 135, Way # 5207, Building No. 492  
Ghala - Muscat, Sultanate of Oman, Tel. +968 2450 2159 / 2450 4013, Fax: +968 2450 2167  
ISO 9001:2015 CERTIFIED COMPANY  
www.geochem.ae

#### LABORATORY REPORT

Date Reported: 23/06/2022  
Date Received: 15/06/2022

Report No: GC/LR/OM/72181/2022  
Sample No: GC/OM/72181/22

To  
AL RUSSAIL POWER COMPANY SAOC  
PO Box: 121, PC: 134,  
JAWHARAT A SHATTI  
SULTANATE OF OMAN

For the Attention of : Mr. Said Al Hinai

Sample(s) drawn by : Geo Chem Middle East

Sample(s) submitted as : Fuel oil (1 x 1Gallon Metal can )

Description(s) on Label(s) : Refer attached sheets

Seals on Sample(s) : Nil

The above sample(s) was/were examined as detailed below and the following results obtained:

Please refer attached sheets for analytical results. Total no. of pages : 02 ( incl. cover page )

QA.LD/52; Revision: 02; Revision Date: 15/01/2019

# جیو - کیم میڈل ایسٹ

## GEO-CHEM MIDDLE EAST

Date Reported: 23/06/2022

Date Received: 15/06/2022

### LABORATORY REPORT

Report No: GC/LR/OM/72181/2022

Sample No: GC/OM/72181/22

Description(s) on Label(s) :

GT-08, STOMO RPP

Dtd.15.06.2022 @ 10:00Hrs, Temp : 38 °C

TEST	METHOD	UNIT	RESULT
Color	ASTM D 1500	ASTM Color	L 3.0
Ash content	ASTM D 482	% wt	0.002
Carbon Residue on 10 % Bottom	ASTM D 524	% wt	0.06
Micro Carbon Residue	ASTM D 4530	% wt	0.02
Copper Corrosion (3 hrs @ 100°C)	ASTM D 130	Rating	1a
Distillation	-		
Initial boiling point	ASTM D 86	°C	215
10% Recovery	ASTM D 86	°C	247
50% Recovery	ASTM D 86	°C	293
90% Recovery	ASTM D 86	°C	355
FBP(End point)	ASTM D 86	°C	369
Residue	ASTM D 86	% vol	1
Loss	ASTM D 86	% vol	1
Recovery @ 250°C	ASTM D 86	% vol	12
Recovery @ 350°C	ASTM D 86	% vol	87
Cloud Point	ASTM D 2500	°C	+1
Flash Point	ASTM D 93	°C	89
Pour Point	ASTM D 97	°C	minus12
Total Acid Number	ASTM D 974	mgKOH/g	0.21
Strong Acid Number	ASTM D 974	mgKOH/g	Nil
Density @ 15°C	ASTM D 4052	Kg/l	0.8416
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	4.399
Water content	ASTM D 95	% vol	<0.05
B.S Water	ASTM D 2709	% vol	<0.01
Sulphur Content	ASTM D 4294	% wt	0.348
Vanadium	ASTM D 3605	mg/L	<0.1
Sodium	ASTM D 3605	mg/L	<0.1
Potassium	ASTM D 3605	mg/L	<0.1
Total Carbon	ASTM D 5291	% wt	86.614
Hydrogen	ASTM D 5291	% wt	12.709
Nitrogen	ASTM D 5291	% wt	0.010
Mercaptan Sulphur	ASTM D 3227	ppm	<3
Oxygen	GC	% wt	0.140
Vapour Pressure	ASTM D 323	psi	<1
Calorific Value – Gross	ASTM D 240	MJ/kg	46.06
Calorific Value – Net	ASTM D 240	MJ/kg	42.74
Wax Content	UOP 46	% mass	0.13
Thermal Expansion Coefficient	Calculation	/°C	<0.0007
Cetane Index	ASTM D 976	-	54.9
Sediments	ASTM D 473	% wt	<0.01
Existing Gum (Washed)	ASTM D 381	mg/100ml	361
Existing Gum (UnWashed)	ASTM D 381	mg/100ml	374
Lead	ASTM D 3605	ppm	<0.1

Test conducted on 15-23/6/2022

Test method deviation: None

Sampling method ASTM D4057

Test conducted by Empl: 978,979

Report prepared by Empl: 898

The above test results are only applicable to the sample(s) referred above.

REPORTED BY

BINDU.S

LABORATORY MANAGER

The test report shall not be reproduced (except in full) without the written approval of Geo-Chem Middle East

Samples retention period as per procedure QAP/12, which shall be provided on request.

QA-LD/52; Revision : 01; Revision Date :15/01/2019

END OF REPORT

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## SCHEDULE 5-2

### Technical Specifications: Diesel Fuel Oil System

#### Light Distillate Fuel Pumps and Tanks

##### TECHNICAL DETAILS

The Plant light distillate fuel system consists of the following four (4) sub systems.

- 1) Diesel oil unloading pumps
- 2) Diesel oil storage tanks
- 3) Diesel oil transfer pumps to GT's

The details of which are as summarised below:

- 2 x 100% truck diesel oil unloading pumps each of 90 m<sup>3</sup>/hr flow and 20 m head with suction filter, required valve train, instrumentation, and control.
- 2 numbers of steel storage tanks with nominal capacity 10,554m<sup>3</sup> for Tank1 and 10,000m<sup>3</sup> for Tank2

Nominal Diameter	Tank 1 : 25m Tank2: 25.9m
Nominal Height	Tank 1 : 21.5m Tank2:20m
Type	CAPPER NEIL INTERNATIONAL LTD SADELMi COGEPI
Design standard	API STANDARD 650
Design Pressure	0 P
Design liquid level	Tank 1 : 21.5 m Tank2: 19.4m
Max. Operating Temperature	Tank1: 80°C Tank2: 50°C
No. of Shell courses	Tank1 :10 Tank2 : 6
Material	Tank1 : BS 4360 GR 50B Tank2 : 430B UNI 7070

- 3 sets of diesel oil transfer pump skids to GT (1 per GT, supplied by GE), with each set containing 2 x 100% pumps.



DIESEL  
OIL  
STORAGE  
TANK -  
1A



API STANDARD 650			
APPENDIX	BASIC	YEAR COMPLETED	1983
EDITION	SEVENTH	REVISION NUMBER	0
NOMINAL DIAMETER	25 M	NOMINAL HEIGHT	21.5 M
NOMINAL CAPACITY	10554M <sup>3</sup>	DESIGN LIQUID LEVEL	21.5 M
DESIGN SPECIFIC GRAVITY	0.87	MAXIMUM OPERATING TEMP	80°C
DESIGN PRESSURE	0	PARTIAL STRESS RELIEF	NO
MANUFACTURERS SERIAL N°	37/0689	J.B.E. ORDER N°	07/62626
FABRICATED BY	CAPPER NEILL INTERNATIONAL LTD.		
ERECTED BY	DARWISH-CAPPER NEILL INTERNATIONAL LLC.		
J.B.E. ORDER SPEC N°	0944-1830-001		
SHELL COURSE	THICKNESS	MATERIAL	
1	13.8	BS 4360 GR 50B	
2	11.9	BS 4360 GR 50B	
3	10.7	BS 4360 GR 50B	
4	9.6	BS 4360 GR 50B	
5	8.4	BS 4360 GR 50B	
6	7.2	BS 4360 GR 50B	
7	6.4	BS 4360 GR 50B	
8	6.4	BS 4360 GR 43A	
9	6.4	BS 4360 GR 43A	
10	6.4	BS 4360 GR 43A	

DIESEL  
OIL  
STORAGE  
TANK –  
1B





DIESEL  
OIL  
UNLOADI  
NG  
PUMPS

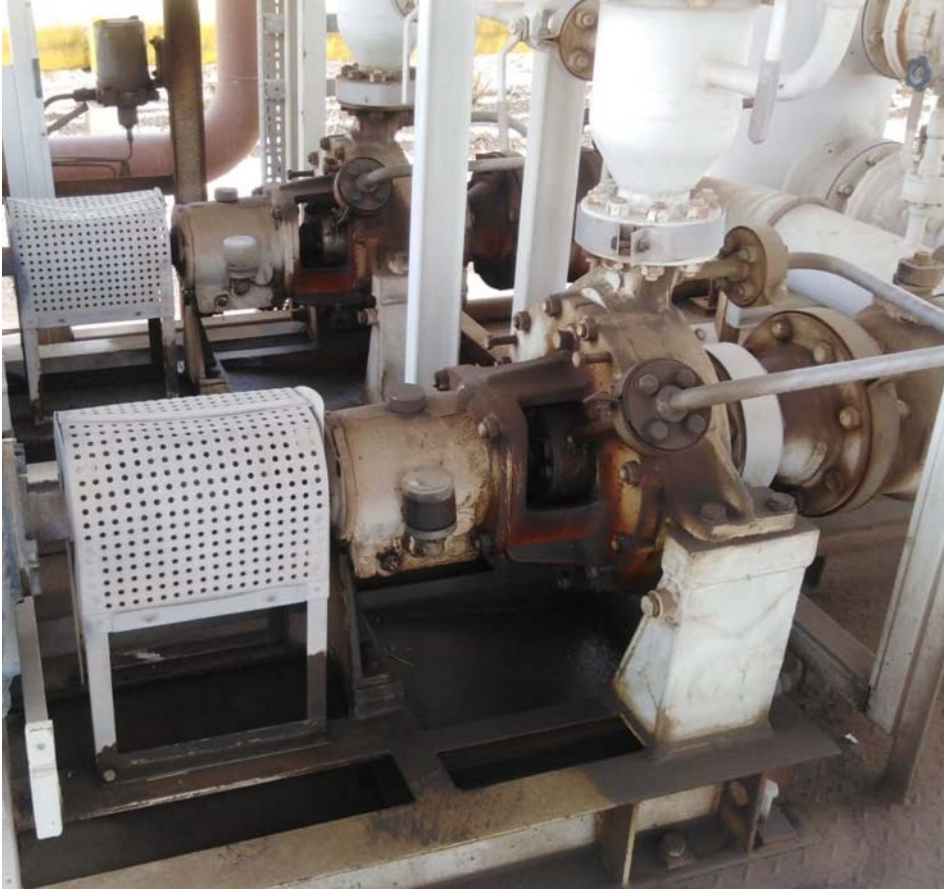




GT FUEL  
FORWADI  
NG  
PUMPS  
(Phase 2)



GT FUEL  
FORWADI  
NG  
PUMPS(G  
T7 &GT8)







**SECTION 6**

**SITE SAFETY DOCUMENTS**

**CONTENT:**

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<b>2.0</b>	<b>SCOPE</b>	<b>2</b>
<b>3.0</b>	<b>REFERENCES AND REQUIREMENTS</b>	<b>2</b>
<b>4.0</b>	<b>DEFINITIONS</b>	<b>2</b>
<b>5.0</b>	<b>PROCEDURE</b>	<b>2</b>
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5.2	Vehicle Condition / Maintenance	3
5.3	Alcohol and Drugs	3
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<b>6.0</b>	<b>FORMS AND ATTACHMENTS</b>	<b>4</b>



## 1.0 PURPOSE

To ensure that all vehicles on site are fit for purpose and driven or controlled by trained competent and licensed personnel.

## 2.0 SCOPE

This procedure is to be applied to all vehicles to be used on site and all drivers.

## 3.0 REFERENCES AND REQUIREMENTS

ST/HSE/POL/001	Health & Safety Policy
ST/HSE/POL/002	Environmental Policy
ST/HSE/POL/003	Security Policy
ST/HSE/DOC/003	Identification of Legal Requirements
ST/HSE/DOC/004	Roles and Responsibilities
ST/HSE/PROC/017	Site Safety Induction
ST/HSE/PROC/045	Prevention of Vehicle Risks
ST/HSE/PROC/064	Traffic Management
ST/HSE/PROC/074	Site Access and Control Procedure


## 4.0 DEFINITIONS

<b>Vehicle</b>	Any mechanical or electrical powered machine for the transportation of personnel or materials and shall include cycles and MEV's.
<b>Designated Driver</b>	Person appointed to drive or be in control of a vehicle.
<b>Approved Banks man</b>	Person nominated in writing by his employer to undertake the role, trained and approved by STOMO.

## 5.0 PROCEDURE

### 5.1 General

All staff and contractors who are designated drivers or operators of vehicles on site must be medically fit to drive and be trained, competent and licensed for the type of vehicle they will be driving or operating. Trained STOMO staff and persons nominated by STOMO staff, those persons being trained, competent and licensed for the vehicle, will be allowed to drive or operate STOMO site vehicles. Proof of competence must be supplied by anyone required to drive or operate a site vehicle. In the case of persons other than STOMO staff it shall be the responsibility of the **Nominated Manager** putting the person to work to ensure competency. The **Nominated Manager** shall ensure that any person, other than STOMO staff, requesting to utilise a site vehicle, has the necessary insurance in place to allow them to do so. Written evidence of the persons insurance shall be forwarded to the **Nominated Manager**. The **Nominated Manager** shall ensure that a copy of all driver or operation training for site vehicles is forwarded to the Office Manager and the competency recorded.

 <p>stomo SUEZ-Tractebel Operation and Maintenance Oman LLC</p>	<p align="center"><b>CONTROL OF VEHICLES AND DRIVERS ON SITE</b></p> <p align="center"><b>ST/HSE/PROC/069</b></p>	<p align="right"><b>Page:3/4</b></p>
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Any person classed as a designated driver who's license becomes invalid, or sustains an injury or is required to take medication that may prevent or impair their ability to be a designated driver must report this to their immediate line manager. An up to date comprehensive list of all STOMO designated drivers, levels of training, level of competency and licenses held shall be kept in the Computerised Integrated Business system (INTELEX). These will be checked on an annual basis and records updated accordingly.

On arrival at site the **Contract Supervisor** shall be able to produce evidence of training, competency and licensing of all designated drivers and vehicles to be used on site. If STOMO has already received copies of such documentation then the designated drivers should be able to produce evidence of identification, preferably photographic.

Designated drivers will obey the site statutory road traffic requirements. The site speed limit is 20 M.P.H. This should be reduced where conditions are not favourable. Speed limit when inside buildings or reversing should be walking speed; this should be reduced where conditions are not favourable. Vehicles may only be driven on designated roadways. Vehicles on site must only be parked in designated areas unless sanctioned by STOMO staff. Where vehicles are allowed to park outside of designated areas it shall be the responsibility of the STOMO person to ensure that the parking of the vehicle does not interfere with any access or egress, pedestrian right of way or with any Emergency equipment.

Forklifts should be fitted with automatic audible alarms for reversing. All vehicles in motion on site shall have switched on either amber flashing light on driver's cab or hazard warning lights. Passengers may only be carried if the vehicle is factory designed for this purpose. All vehicles on site must be fit for purpose and well maintained, the Contract Supervisor will be responsible for providing vehicle documentation where required.

Any company requiring vehicle access to site shall obtain written permission from STOMO at least 48 hours prior to permission being granted. On arrival at the gatehouse anyone who requires access to site may be subject to an initial security check, and then either directed or accompanied to their place of work. All vehicles that are above 4 meters in height, or have the ability to exceed 4 meters in height, dependent on their designated route will be accompanied by either an Authorised Person or **Designated Person** to their place of work.


## **5.2 Vehicle Condition / Maintenance**

All vehicles will be checked for poor condition prior to being allowed on site. All vehicles will be regularly maintained and records kept of this. All vehicle defects are to be reported immediately and tracked to closure.

All company owned vehicles will be maintained every 5000 km.

## **5.3 Alcohol and Drugs**

The use of Alcohol and drugs on site is strictly forbidden. Anybody suspected of being under the influence of alcohol or drugs shall be tested and the appropriate action taken.

 <p>stomo SUEZ-Tractebel Operation and Maintenance Oman LLC</p>	<p><b>CONTROL OF VEHICLES AND DRIVERS ON SITE</b></p> <p><b>ST/HSE/PROC/069</b></p>	<p><b>Page:4/4</b></p>
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Where prescribed drugs have side effects causing drowsiness or tiredness, site vehicles must not be used in any circumstance. It is the responsibility of all staff and contractors to inform STOMO of any medication that may cause tiredness.

#### **5.4 Consideration of Driving after Working Long Hours**

Persons working unexpectedly long hours (greater than 12 hours) can book into a local hotel, so as to avoid any risk associated with driving whilst tired, if they consider this necessary. This is especially applicable when an individual is required to return to site within eight hours of leaving.

### **6.0 FORMS AND ATTACHMENTS**

None

STOMO UNCONTROLLED

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## 1 PURPOSE

The purpose of this procedure is to rule and control the site access to all STOMO sites for all employees, contractors, Sub-contractors and Visitors. Also to have a proper security system to control the entry and the exit to the plants.

## 2 SCOPE

This procedure applies to all STOMO facilities.

## 3 REFERENCES

ST/HSE/POL/001	Health & Safety Policy
ST/HSE/POL/002	Environmental Policy
ST/HSE/POL/003	Security Policy
ST/HSE/DOC/003	Identification of Legal Requirements
ST/HSE/DOC/004	Roles and Responsibilities
ST-HSE-PROC-064	Traffic Management
ST/HSE/PROC/069	Control of Vehicles and drivers on Site
ST/HSE/PROC/017	Site Induction

## 4 DEFINITIONS

None

## 5 PROCEDURE

### 5.1 Plant Access Requisition Forms

All Visitors coming to the plant site should have prearranged appointments through the Department Head who invites them to the plant. The access form needs to be completed and submitted on gate house one day prior to the visit.

There are Two (2) requisition choices for persons coming onto the plant site. These are for:

- Office Work or for
- Field Work (see Attachment 1).

### 5.2 Office Work Visit

- The person requesting the visit for office work will have to fill out a plant access requisition form as per form STM-F-HO-HSE-GEN-036-1 one day prior to the visit.
- The visit kind box will show office work selected.
- The visitor information must be completely filled out and signed by the person requesting the visit. The requisition form will then be presented to department head for signature of approval.
- After approval from department head, the form will submit to the office administrator (secretary). The secretary will keep the original in company record file and will send the scan copy by mail to HSE. HSE will submit the copy of the gate pass to security.
- On the date of the visit, the security will check the gate pass of the visitor then will keep their pictured ID card (or any photo identification) which will be exchanged for the VISITOR badge to hang. Each visitor batch assigned a unique number for tracking purpose.

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- The security will write Visitor's ID card number in the request form.
- The visitor will then write his name, company, time of entry and visitor badge number in the visitor log sheet available on gate.
- The security will then guide the visitor to HSE office for **Visitor Safety Induction** training and will inform the concern department to pick the visitor from HSE office.
- Upon completion of the HSE Induction, HSE will issue a visitor induction card. The card validity will be one year. The visitor needs to attend the refresher induction training upon card expiry.
- If the visitor will come again for office visit during the period of safety induction validity, security will check the induction card validity and will allow the visitor without induction training.
- In case, if the person who took visitor safety induction before and come to plant again for any field work, security will send him in HSE office for detailed safety induction (for field work). HSE will then issue the contractor safety induction card which is also valid for one year.
- The visitor needs to be picked up at the security office / HSE office by the visited STOMO staff member who will meet the visitor at the security office / HSE office and who will accompany him to his destination. At no time, a visitor will be left unaccompanied in the plant.
- Upon exit from the main gate, visitor will return the visitor badge to security and will collect his ID card (or any photo identification). He will also write time out in the visitor log sheet available on the gate.
- Those visitors who are coming to plant only to drop invoices / tenders or other documents will submit their documents to security. Security will drop the document in the concern department drop box available on gate. Each department will collect at a timing they see fit.

### **5.3 Field Work Visit (Short Term)**

- When the visitor has a pre-arranged appointment for field work, the department head is required to fill out the Plant Access Requisition Form as per form STM-F-HO-HSE-GEN-036-1 at least one day prior visit.
- Field Work box should be ticked in requisition form.
- All visitor information should be filled in, such as: Visitor Name, Visit Date (start and end), visit time, Company, purpose of the visit and department receiving the visitor.
- Department head signs under – Requested by:
- Filled form will be submitted to site secretary who will send the scan copy of the form together with copy of PO (secretary will collect from purchase department) to HSE.
- HSE will print the request form and PO and will submit to security office one day prior to visit.
- On the date of the visit, security will confirm the detail of visitor provided in the filled request form and will keep their pictured ID card (or any photo identification), which will be exchanged for the CONTRACTOR Badge to hang. Each CONTRACTOR badge assigned a unique number for tracking purpose.
- The security will write Visitor's ID card number in the request form.
- The visitor will then write his name, company, time of entry and Contractor badge number in the Contractor log sheet available on gate.
- Security will ensure that the person has all mandatory PPE (Helmet, glasses, safety shoes and full sleeves dress).
- The Field Work visitor will then be guided to the HSE office in order to attend the field work safety induction training.

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- Upon completion of induction training, HSE will issue field work induction card valid for one year. During this one year period, security will allow him to site without induction after fulfilling rest of the requirements.
- The HSE will then inform to concern department who will receive the field worker from HSE office.
- When the visitor will leave the site, he needs to return the Contractor badge & take his ID back. Also needs to write time out in Contractor log sheet available on gate.

#### **5.4 Field Work (Long Term)**

- Long term field work contracts (chemical handling, office boy and plant cleaners etc) required request from purchase department together with copy of PO to be sent out to HSE one day prior to workers arrival.
- HSE will print the request form and PO and will submit to security office one day prior to visit.
- HSE will also send request to IT department to register them in biometric system.
- On the date of the visit, security will confirm the detail of visitor provided in the filled request form and will keep their pictured ID card (or any photo identification), which will be exchanged for the CONTRACTOR Badge to hang. Each CONTRACTOR badge assigned a unique number for tracking purpose.
- The security will write Visitor's ID card number in the request form.
- The visitor will then write his name, company, time of entry and Contractor badge number in the Contractor log sheet available on gate.
- Security will ensure that the person has all mandatory PPE (Helmet, glasses, safety shoes and full sleeves dress).
- The Field Work visitor will then be guided to the HSE office in order to attend the field work safety induction training.
- Upon completion of induction training, HSE will issue field work induction card valid for one year. During this one year period, security will allow him to site without induction after fulfilling rest of the requirements.
- HSE will then guide the workers to IT department for finger scanning and registration in biometric system.
- IT will register them in the biometric system for one year.
- IT will inform the concern department to receive them from IT office.

#### **5.5 STOMO Employees**

- For the new STOMO employee, HR department will send filled "Access Request Form" to site secretary who will send the scan copy of the form to HSE department one day prior his arrival to the plant.
- HSE will print the request form and will submit to security office one day prior to visit.
- On the date of his arrival, security will confirm the detail of employee provided in the filled request form and will keep his passport, which will be exchanged for the Visitor Badge to hang.
- The security will write employee passport number in the request form.
- The employee will then write his name, company, time of entry and Contractor badge number in the Visitor log sheet available on gate.
- The employee will then be guided to the HSE office in order to attend the field work safety induction training.
- Upon completion of induction training, HSE will issue a permanent badge to employee valid for one year.

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- HSE will then guide the employee to HR department for finger scanning and registration in biometric system.
- All STOMO employees will enter/exit to the plant by using biometric system installed at the main gate and second floor admin building.
- In case the biometric device on gate or on second floor admin building is defective, employees will log in / out in the staff log in / out register kept in gurad house as well as at admin building reception. Security guard will not allow any staff member to access / egress unless log in / out in the register. Security guard will inform the defect to CCR immediately.
- All employees having the vehicle entry pass (sticker) will scan their fingers in biometric system installed at second floor admin building for entry and leaving the plant.
- All other employees using turnstile gate for entry / exit will use biometric system installed before and after the turnstile gate for entry / exit.
- For off hours vehicle entrance (night shift / holidays etc), staff will first scan their fingers in the system near turnstile gate and then will bring vehicles inside. For the exit, they will scan the fingers in the system near turnstile gate and will exit. "Off Hours Entry" stickers need to be posted on wind screen for vehicle entry.

## 5.6 Issuing Badges

Badges can be issued through the approval of the STOMO Site Manager and through the HSE Engineer or HSE Officer.

- Permanent badges will only be provided to STOMO staff members with one year validity. Anyone receiving a permanent badge will have to successfully undergo the HSE induction. The permanent badge will include the employee number, STO-XXX.
  - Temporary badges for Field Work will be issued after the Plant Access Requisition form has been completed. A brochure with a summary of personnel protective equipment requirements, the emergency response procedure and emergency contact numbers will be handed over to each visitor. The HSE department will also perform a plant safety induction  
Contractors and subcontractors working on site more than one day will receive a badge which includes the words "CONTRACTOR" and a badge number. The Security Office will keep their pictured ID card, which will be exchanged for the contractor Badge. The contractor badges will be re-issued for the duration of the contract job.
  - Visitor Badges: The Security guards will receive a daily visitors list every morning and should try to minimize unscheduled visits when possible. Deliveries by DHL, UPS and other courier companies will be allowed at unscheduled times. Suppliers may be in the area and stop by the facility for an unscheduled visit. It may be more convenient to receive the supplier at this unscheduled time than to wait for a planned visit. In case of a planned visit, the supplier should be asked to schedule an appointment 24 hours in advance for a future visit
- Note: There may be occasions where a visit was planned well ahead but for one reason or another not entered onto the visitors list. In such a case the involved department should be contacted to accommodate the planned visitor.
- Visitors performing field work** will be issued badges for that day only. The badge will have a tracking number for security reasons. Workers will be requested to exchange their photo ID to receive a badge. Workers must return the badge to receive their Photo ID to exit the plant site.
  - Visitors for office work** will be given a visitor badge to access the administration building. This badge will have a mention indicating "Visitor" along with a tracking number. A plant access requisition form must be completed and approved.  
Access outside of the Administration Building areas is restricted and unauthorized unless the visitor is being escorted specifically by STOMO Staff and no field work is allowed.

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**Note:** when a permanent, temporary or visitor badge is lost during the office hours, the HSE department should be notified immediately. They will issue a new badge and disable the lost badge from the security system. If a badge is lost after the working hours, the Shift Charge Engineer on duty in the CCR can issue a new badge. Whenever another badge is issued to replace a lost one, the loss must be reported to the HSE manager by E-mail the same day and logged in the Control Room Log Book indicating the card number and the employee/visitor receiving the badge.

## **5.7 Vehicles / Equipment Access Procedure**

**Under no circumstances, unauthorized vehicles will be allowed to enter the plant!**

### **5.8 Staff vehicles**

Only staff vehicles having the STOMO identification sticker or out of hours entry stickers will be allowed on site and should be parked in the designated parking area in front of the Administration Building. STOMO identification stickers will be provided after attending Site Vehicle Management training and will be refreshed each year. A limited number of spaces are available. Each staff member will park in his designated parking only. Parking in other areas than the mentioned spaces is strictly prohibited.

Access from the front entrance onto the Plant Site with a car requires passing through the plant security gate and security barriers.

The gate allows entrance into or exit from the plant site by performing the following steps;

- Place your STOMO Access Sticker on the right hand side on the windshield,
- The security guard will verify the STOMO Access Sticker and will check the car on: dangerous goods; personal equipment and personal goods will be registered on material gate pass and signed off.
- If visitors are present in the car, the STOMO staff must ensure that the visitor is registered as per par 7.1.1.
- The security guard will open the barriers and gate if all checks were positive.
- The STOMO staff has to register on one of the POB screens mounted in the CCR and Administration building by pressing number 8 on the keyboard and place the index finger on the screen
- The POB will acknowledge with a beeping sound,
- Upon exiting the plant, security will check the car again on: dangerous goods; personal equipment and personal goods will be registered on material gate pass and signed off.
- Out of hours entry allowed to those staff who has out of hours stickers on the wind shield. Out of hours timings from 1630 to 0730 and during weekends and holidays.

### **5.9 Contractors/subcontractor vehicles**

- Contractors, subcontractors and vendors will be allowed to bring in their vehicle / equipment on site only if this is required for the purpose of their visit. Prior to entering any third party vehicle / equipment onto the plant, the gate pass entry form must be completed and have the authorized signatures.
- All vehicles / equipment belonging to third parties must have valid registration and insurance documents.
- Mobile cranes / trucks with lifting gear must be checked for proper certification when entering the plant. This verification should be reflected in the Gate Pass Form. If a proper lifting certification is not available the vehicle will not be allowed to enter the site.

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- For vehicles bringing deliveries to the warehouse or work shop or in case of chemical deliveries the invoice or purchase order number relating to the delivery has to be mentioned on the Gate Pass Form.
- Security will confirm the delivery in the filled request form and will keep their license which will be exchanged for the Vehicle pass. Each Vehicle pass assigned a unique number for tracking purpose.
- Drive need to keep vehicle passes on the vehicle dash board and should be visible from front.
- The security will write driver's ID card number in the request form.
- The driver will then write his name, company, time of entry and Vehicle pass number in the Contractor log sheet available on gate.
- Security will ensure that the person has all mandatory PPE (Helmet, glasses, safety shoes and full sleeves dress).
- The driver will then be guided to the HSE office in order to attend the safety induction and vehicle management training.
- Upon completion of induction training, HSE will issue induction card valid for one year. During this one year period, security will allow him to site without induction after fulfilling rest of the requirements.
- The HSE will then inform to warehouse / concern department who will receive the delivery vehicle from HSE office. In case they already safety inducted, delivery vehicle will be picked up from security office.
- Upon exiting the plant, security will check the vehicle again.
- When the vehicle will leave the site, driver needs to return the Vehicle pass & take his ID back. Also needs to write time out in Contractor log sheet available on gate.

## **5.10 Material Inward and Outward Procedure**

### **5.10.1 Material Inward**

- All the material /tools/equipment/ chemicals require delivering in admin building / warehouse / workshop or offloading on site need to show delivery order (DO) mentioning PO number to security.
- Security will inform the concern STOMO person about the delivery.
- Concern STOMO person will pick the material delivery contractor from gate.
- For the material delivery contractor entry, security will follow steps mentioned above in item 7.3.2 (contractor / sub-contractor vehicles).
- If Contractor Company requires bringing their tools / equipment inside for field work, they need to fill and signed material inward pass available at security office.
- **Material Outward**
- All material requires taking out from plant need to submit material out pass to security.
- The form will be filled and signed by the person requesting material out pass. The form will then be signed by concern department manager followed by HSE department sign.
- The original form will be submitted to the security and keeps the copy with the person taking out material.
- Security will cross check the material against the form submitted and will allow them to go out.


### **5.10.2 General Rules**

- This Procedure is applicable for all STOMO plants/Departments.
- The STOMO General Manager and the STOMO HSE Manager are responsible for the review, the update and the approval of this procedure.

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 SUEZ-Tractebel Operation and Maintenance Oman LLC	<p align="center"><b>Site Access Control Procedure</b></p> <p align="center"><b>ST/HSE/PROC/074</b></p>	<p align="center"><b>Page:</b> <b>8/16</b></p>
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### 5.10.3 Records

- The logbook entries of visitor and contractors should be forwarded to the HSE Engineer or HSE Officer for compilation and record keeping.

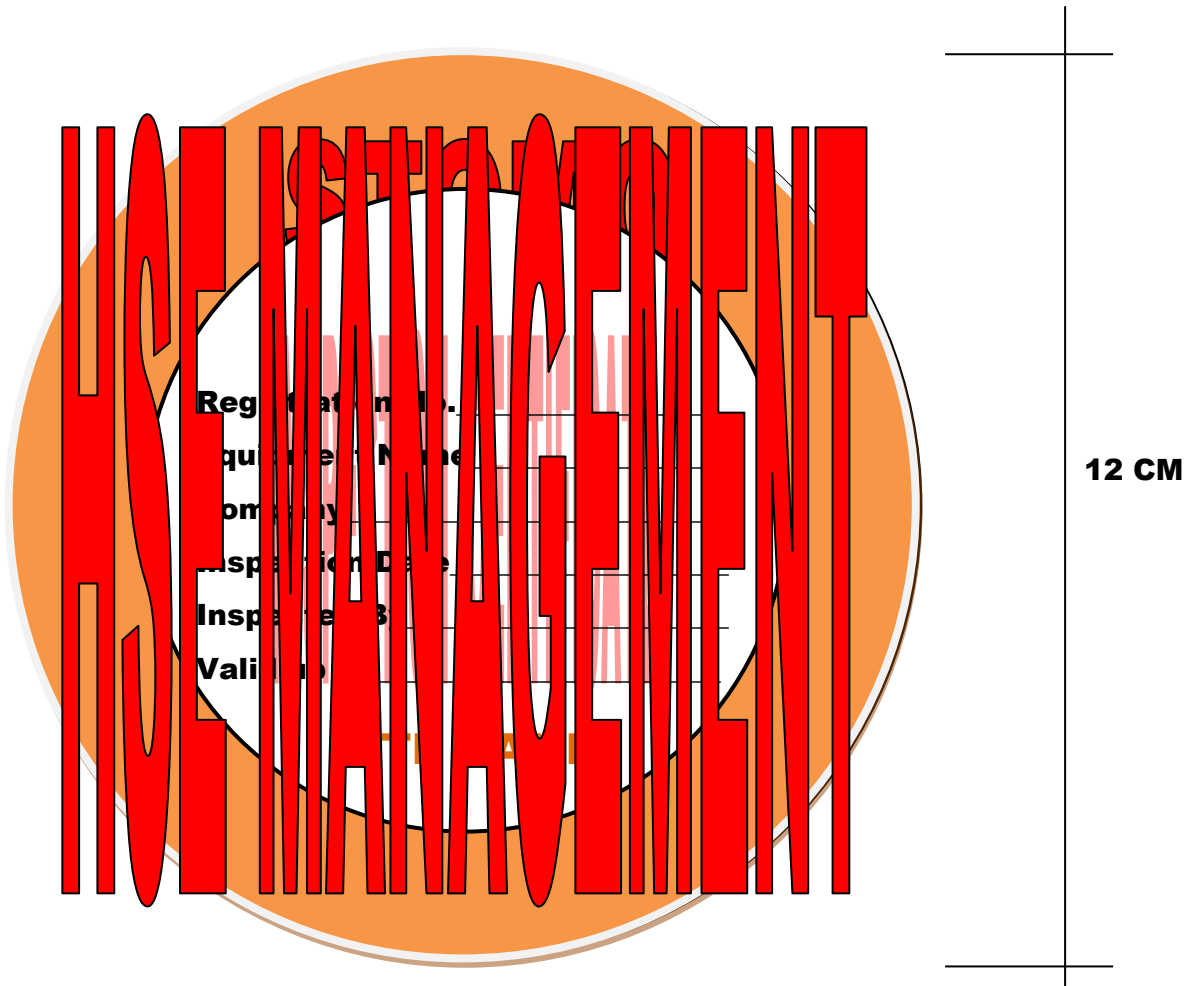
## 6 FORMS AND ATTACHMENTS

ST-FORM-074-1 Plant Access Requisition Form  
ST-FORM-074-2 Material Gate Pass  
ST-FORM-074-3 Vehicle Access Request Form  
ST-FORM-074-4 Visitors Log Sheet  
ST-FORM-074-5, Security Supervisor/Officer Daily Report  
ST-FORM-074-6, Security Guard Daily Report  
Attachment 1: STOMO Vehicle Access Stickers 2013.  
Attachment 2: STOMO Badges  
Attachment 3: Visitor Vehicle Pass

STOMO UNCONTROLLED

## Examples

### Attachment 1: STOMO Vehicle Access Stickers 2013

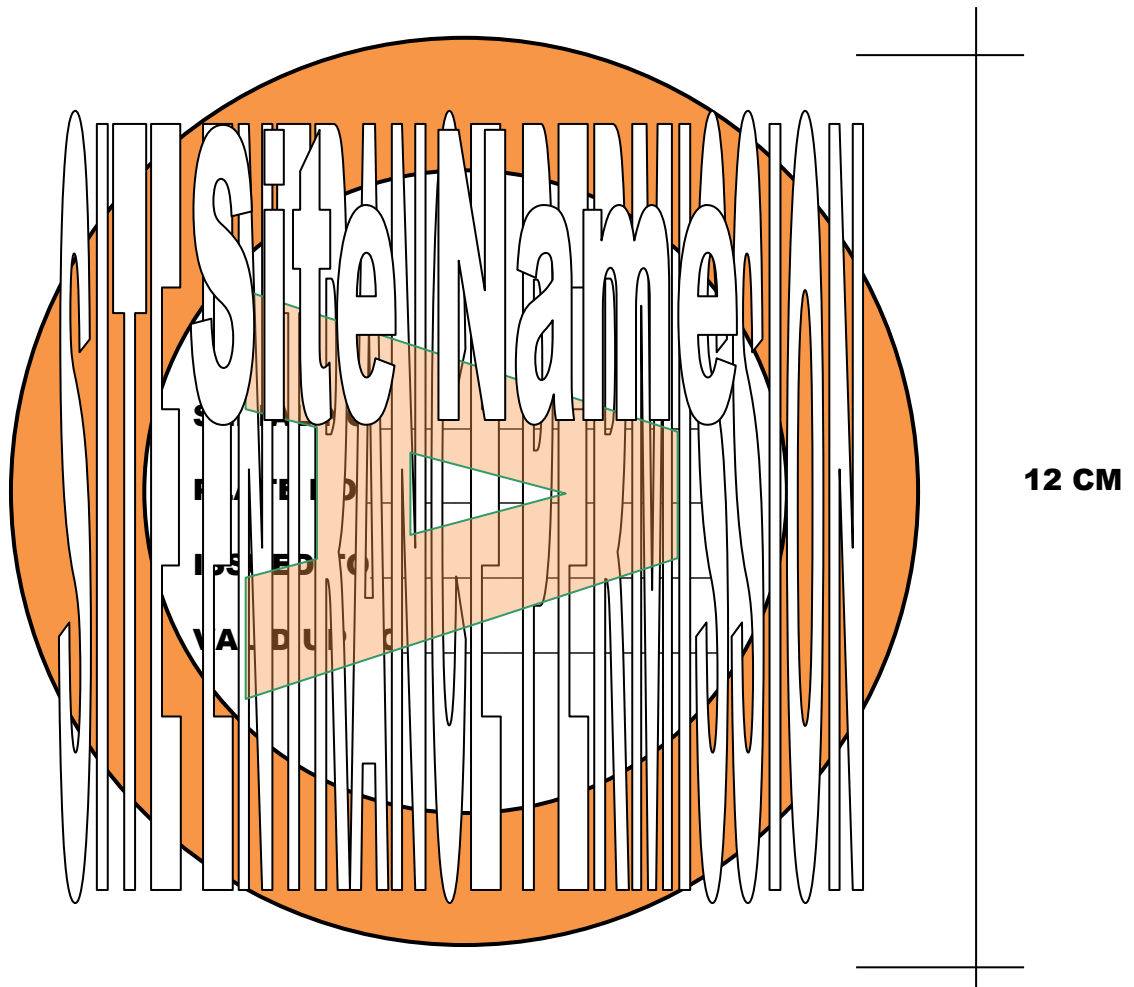


#### **SELF-ADHESIVE STICKER**

#### **TYPE "1" – INSPECTION CERTIFICATE for HEAVY EQUIPMENT**

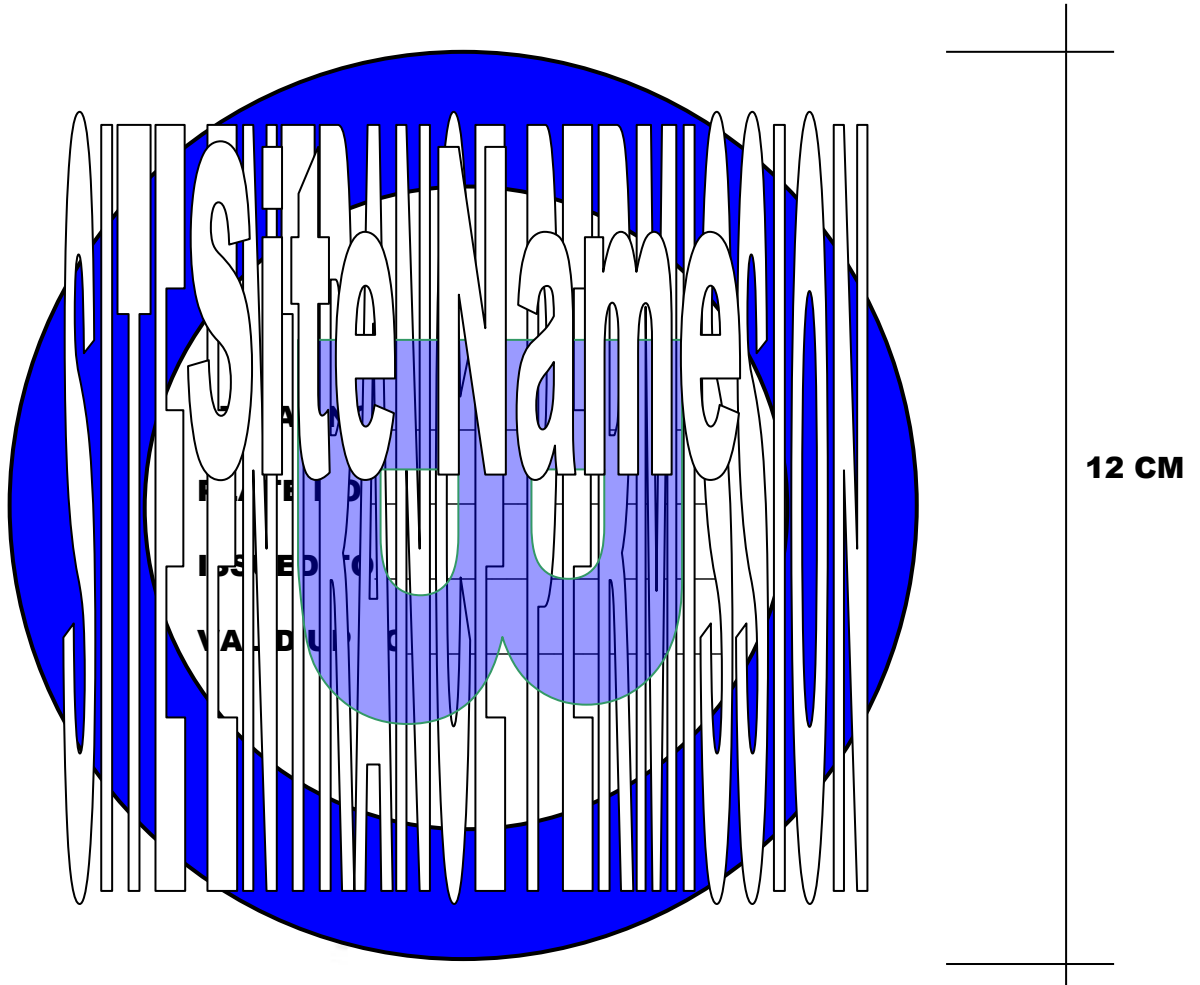
**(crane, excavator, lorry, forklift, dozer, grader, trailer, etc.)**

**ONLY ISSUED AFTER INSPECTION BY SITE HSE TEAM**



**SELF-ADHESIVE STICKER  
TYPE “2” – SITE ENTRANCE PERMISSION  
(OWNER & SITE MANAGEMENT)**

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**SELF-ADHESIVE STICKER**

**TYPE "3" – SITE ENTRANCE PERMISSION**

**(AUTHORIZED SUB-CONTRACTOR'S VEHICLE)**



12 CM

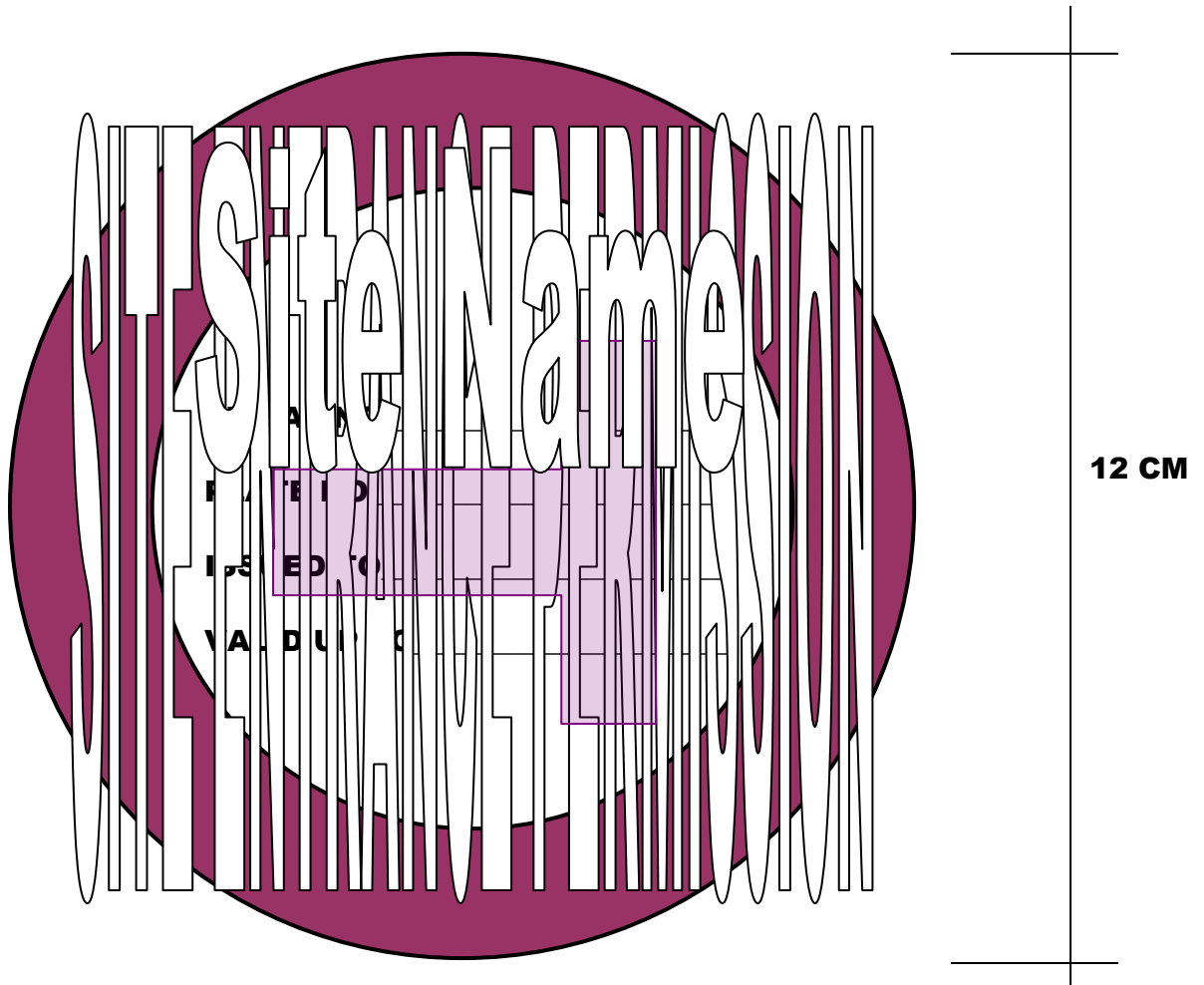
**SELF-ADHESIVE STICKER**

**TYPE "4" – SITE ENTRANCE PERMISSION**

**(CONSTRUCTION VEHICLE – TRUCK, PICK UP)**

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**SELF-ADHESIVE STICKER  
TYPE "5" – SITE ENTRANCE PERMISSION  
(VISITOR'S VEHICLE)**



**Attachment 2: STOMO Badges**

**stomo**  
SUEZ-Tractebel  
Operation and Maintenance  
Oman LLC

**Site Name**

**VISITOR GATE PASS**

**BARKA POWER PLANT**

ISSUED IN ACCORDANCE WITH COMPANY DIRECTIVES ON IDENTIFICATION OF VISITOR

.....  
Authorized Signatory(STOMO)

**stomo**  
SUEZ-Tractebel  
Operation and Maintenance  
Oman LLC

**Site Name**

This card is property of STOMO. It should be promptly returned, at the end of one's Visit, Service or whenever the company may so desire.

**EMERGENCY TELEPHONE NUMBERS**

SN	NAME	DESIGNATION	OFFICE
1	Karimuddin / Saif	HSE OFFICERS	26895175

**EMERGENCY CONTACT NUMBERS**

INTERNAL EMERGENCY CONTACTS	232
GENERAL NUMBER	26895100
CIVIL DEFENCE	24420999
BARKA POLYCLINIC	26886011

**stomo**  
SUEZ-Tractebel  
Operation and Maintenance  
Oman LLC

**Site Name**

**CONTRACTOR PASS**

**BARKA POWER PLANT**

ISSUED IN ACCORDANCE WITH COMPANY DIRECTIVES ON IDENTIFICATION OF VISITOR

.....  
Authorized Signatory(STOMO)

**ID. NO. 001**

**stomo**  
SUEZ-Tractebel  
Operation and Maintenance  
Oman LLC

**Site Name**

This card is property of STOMO. It should be promptly returned, at the end of one's Visit, Service or whenever the company may so desire.

**EMERGENCY TELEPHONE NUMBERS**

SN	NAME	DESIGNATION	OFFICE
1	Karimuddin / Saif	HSE OFFICERS	26895175

**EMERGENCY CONTACT NUMBERS**

INTERNAL EMERGENCY CONTACTS	232
GENERAL NUMBER	26895100
CIVIL DEFENCE	24420999
BARKA POLYCLINIC	26886011

**stomo**  
SUEZ-Tractebel  
Operation and Maintenance  
Oman LLC

**Site Name**

**EMPLOYEE PASS**

**STO. 152**

**NAME** : ABC  
**COMPANY** : STOMO  
**POSITION** : ELECTRICAL TECHNICIAN  
**ISSUE DATE** : 01.03.2011  
**EXPIRY DATE** : 28-02-2012  
**APPROVED BY** :

.....

**stomo**  
SUEZ-Tractebel  
Operation and Maintenance  
Oman LLC

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**Attachment 3: Visitor Vehicle Pass**

**Site Visitor Vehicle Pass With site Drawing and Muster points on the reverse side of this**




  
SUEZ-Tractebel  
Operation and Maintenance  
Oman LLC

**SITE NAME :**

**VEHICLE PASS**

**No 10**

 SUEZ-Tractebel Operation and Maintenance Oman LLC	<p align="center"><b>Site Access Control Procedure</b></p> <p align="center"><b>ST/HSE/PROC/074</b></p>	<p align="center"><b>Page:</b> <b>16/16</b></p>
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STOMO UNCONTROLLED

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**\*\*\*\*\*Revision, Review and Approval is managed through Intelex document Management\*\*\*\*\***

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## 01. PURPOSE

The purpose of this procedure is to assess the residual risks associated with day to day operations and maintenance activities associated with the operation of a modern Combined Cycle Gas Turbine Power Plant, to document the minimum Personal Protection Equipment requirements for specific jobs or tasks and the Personal Protective Equipment required for visitors. This procedure also details the process of controlling the issue of PPE and work clothing to employees, and details the responsibility of employees for the inspection and checking of Personal Protective Equipment and Work Clothing prior to and during use.

## 02. SCOPE

This procedure is applicable to all persons involved in the management, operation and maintenance of the STOMO facility including persons employed directly or contracted to STOMO, staff, contractors and visitors.

## 03. REFERENCES

ST/HSE/POL/001	Health & Safety Policy
ST/HSE/DOC/001	Safety Rules
ST/HSE/DOC/003	Identification of Legal Requirements
ST/HSE/DOC/004	Roles and Responsibilities
ST/HSE/DOC/016	Risk Assessment
ST/HSE/PROC/017	Site Induction
MD84/2020	

## 04. DEFINITIONS & RESPONSIBILITIES

### PPE

#### Personal Protective Equipment

Any equipment that is intended for the employee to be worn or held, in order to protect him against one or more risks to his / her safety and health at work and any additions or accessories that, except for:


- Regular and uniform work clothing not specifically designed for the safety and health of the worker.
- Portable devices for detecting and identifying hazards and nuisances.

### Work Clothing

Either a suit or a suit consisting of trousers and a jacket or wind jacket, either a keel or duster, designed to prevent the worker to get dirty by the nature of its activities and not to be considered as protective.

### CMMS

Computerized Maintenance Management System

	<p align="center"><b>PERSONAL PROTECTIVE EQUIPMENT</b></p> <p align="center"><b>ST/HSE/PROC/005</b></p>	<p align="center"><b>Page:</b> <b>3/4</b></p>
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## **05. PROCEDURE**

### **5.1. Hazards and Risks**

The STOMO facility is an Operations and Maintenance company operating generation assets designed and constructed in compliance with all the relevant Oman health and safety legislative requirements. Our facilities are considered to be “safe by design”.

The Health and Safety Effect Register details all the health and safety effects of modern power station operations, and details the mitigation of the inherent risk to an acceptable level. It is prudent however to expect the inadvertent exposure to some of these inherent risks during normal day to day operations and maintenance activities and it is for this reason that PPE is required when working on site.

### **5.2. Categories of PPE**

For the purpose of issue and control of PPE, they are split into 4 categories:

1. Standard personal issue items
2. Commonly available items
3. Items for specific tasks

### **5.3. Standard personally issued items**

Following a review of the health and safety effects and as a consequence of the site wide risk assessment and the PPE risk assessment, the following constitutes the minimum PPE requirements for all employees on site:

PPE:

1. Safety boots: need to meet MD MD84/2020 - ASTM F2413 and EN ISO 20345
2. Safety helmets
3. Safety spectacles (or prescription)
4. Ear defenders (to be carried)
5. Gloves when appropriate
6. Work Clothing will be supplied for each employee,

### **5.4. Coveralls (two piece)**

PPE's and Work Clothing are issued and recorded in accordance with the Inducting Employees procedure.

Individuals are responsible for inspection of their own items prior to use. Individuals shall inform their Team Leader / Manager / HSE Team Leader when replacements are necessary.

All standard personally issued PPE items and Work Clothing shall be replaced on a regular basis or at the date of expiration (e.g. for safety helmets).

Cleaning of the Work Clothing will be done by the employee.

Light weight 100% sweatshirts will be issued for summer time / hot working.

	<p align="center"><b>PERSONAL PROTECTIVE EQUIPMENT</b></p> <p align="center"><b>ST/HSE/PROC/005</b></p>	<p align="center"><b>Page:</b> <b>4/4</b></p>
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Short sleeves are not allowed on sites

### 5.5. Commonly available items

Basic items are freely available either in the Workshop, Warehouse, Control Room, at strategic locations around our plants. These items of PPE consist of:

1. Ear plugs
2. Gloves (different varieties suitable for various tasks)
3. Masks (different varieties suitable for various tasks)
4. Harnesses and Lanyards (**Only double lanyards to be used**)

According to the specific type of job, the correct "PPE has to be used.

PPE dispensers around site are checked frequently and replenished as necessary. These checks are managed and recorded in the CMMS. It is the responsibility of the individual to inform the Stores of any PPE dispensers that are empty and need replenishing.

### 5.6. Personal Protective Equipment for specific jobs / tasks

All work shall be risk assessed. Where the risk assessment has identified additional PPE is required to further reduce the risk posed by the identified hazards, it is not practical or reasonable to issue such items to every individual, and therefore the PPE shall be available from the Warehouse, or located in storage facilities close to the work area. Examples where this is relevant include:

1. Handling of chemicals & chemical spillages
2. Live electrical working
3. Work at height
4. Welding, hot work and cutting
5. Sealed face masks for chemical unloading activities etc.

After the specific work, re-usable PPE will be returned to the stores for cleaning & storage.

### 5.7. Site Visitors

1. All visits shall be planned in advance. The person responsible for the visitor shall, if touring the plant, ensure the following PPE is worn:
2. Safety helmet
3. Long sleeves only.
4. Ear plugs (to be carried)
5. safety shoes
6. Safety spectacles
7. Gloves, when appropriate

## 06. FORMS & ATTACHMENTS

None