


NOTES:-

1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.
2. THE MAIN EARTHING/GROUNDING NETWORK IS REALISED WITH STRANDED BARE COPPER CONDUCTORS.
3. ALL MAIN ELECTRICAL & MECHANICAL EQUIPMENTS SUCH AS THE TANKS, THE VESSELS ECT. SHALL BE CONNECTED TO THE MAIN NET WORK BY MEANS OF STRANDED COPPER CONDUCTOR (BARE)
4. ALL OTHER EQUIPMENTS SUCH AS PUSH-BUTTON STATION, SOCKET STATION, LIGHT POLES & OTHER SMALL ITEMS SHALL BE CONNECTED BY MEANS OF COPPER CONDUCTOR CABLES/CORDS PVC (INSULATED) AS MENTIONED IN LAYOUT.
5. THE EARTHING CONDUCTOR/CORD SHALL BE PROTECTED ABOVE EARTH WITH A PIECE OF HEAVY G.I PIPE OR HEAVY PVC PIPE (D-CLASS) FILLED WITH ARDENING MIXTURE FOR AN EXTENSION OF 200mm OUT OF EARTH.
6. THE EARTHING TERMINALS SHALL BE REALISED IN ORDER TO ENSURE AT LEAST 20 SQ. mm OF CONTACT SURFACE.
7. EARTHING TERMINALS & SCREWS ( $\phi > 10\text{mm}$ ) SHALL BE IN HOT DIPPED GALVANISED STEEL (OR HARDENED COPPER OR STAINLESS STEEL.)
8. ALL CONNECTIONS WITH MAIN GROUNDING/EARTHING NETWORK INCLUDING, SCREWS,BOLTS,NUTS,CONNECTORS,LUGS & OTHER FITTINGS SHALL BE PROTECTED AGAINST CORROSION WITH INSULATING COATING.

ISSUED FOR TENDER

O	09-03-2018	ISSUED FOR TENDER	MAA	JAB	AIB
A	29-12-2017	ISSUED FOR REVIEW & APPROVAL	MAA	JAB	AIB
REV.	DATE	DESCRIPTION OF REVISION	DRAWN	DESIGNED	CHECKED
 ENAR PETROTECH SERVICES (PRIVATE) LIMITED 7-B, Sector 7-A Karachi Industrial Area, Karachi Pakistan TEL: (9221) 5062791 E-mail: info@enar.com.pk URL: www.enar.com.pk			Job No.  14-0193		
<b>OIL &amp; GAS DEVELOPMENT COMPANY LIMITED</b>			Dwg. No.		
<b>NASHPA COMPRESSION PROJECT (PHASE-II)</b>			0193-ELA-6800		
TITLE:			Sheet Of 15		
TYPICAL DETAILS FOR EARTH TERMINATION			COMPUTER CODE	0193-ELA-6800	
			SHEET SIZE	A3	
			SCALE	NTS	
			REPLACES NO.	—	
THIS DOCUMENT IS THE PROPERTY OF ENAR & THE CONTENTS MUST BE TREATED AS CONFIDENTIAL					