



OGDCL PAKISTAN:  
OIL & GAS DEVELOPMENT  
COMPANY LIMITED

## NASHPA COMPRESSION PROJECT PHASE-II

**ISSUE FOR TENDER**

0	9-Mar-18	ISSUED FOR TENDER	SJA	NAS	SJA	MHQ	MAS		
A	26-Dec-17	ISSUED FOR REVIEW	SJA	NAS	SJA	MHQ	AHB		
REV	DATE	DESCRIPTION	ORIG	CHKD	LE	QA	PM	LOCAL REPR.	PROJ. MAN



ENAR Petrotech Services (Pvt.) Limited ,  
7-B , Sector 7-A , Korangi Industrial Area ,  
Karachi Pakistan

### DOCUMENT TITLE: I/O LIST FOR EXISTING ESD SYSTEM

CONTRACT NO. 14-0193

	193	LT	6000	0	
	CODE	TYPE	SEQ NO.	REV	.



ENAR PETROTECH  
SERVICES (PVT.) LTD.

## I/O LIST FOR PLANT EXISTING ESD SYSTEM

### NASHPA COMPRESSION PROJECT(PHASE-II)

### OGDCL PAKISTAN

Document	0193-LT-6000
Date	9/3/2018
Revision	0
Rev Desc.	ISSUED FOR TENDER
Prepared By	SJA
Checked By	NAS
Approved By	MAS

S. No.	Tag No.	Service/Description	Location (Field/CR)	Signal	Type		Remarks
					Electronic/ Pneumatic	I/O Type	
<b>COMPRESSOR PACKAGE(K-2001)</b>							
1	UCP-6000	COMPRESSOR FIRE ESD SIGNAL TO PLANT ESD SYSTEM	Field	24 VDC	Electronic	DI	
2	UCP-6001	COMPRESSOR PROCESS ESD SIGNAL TO PLANT ESD SYSTEM	Field	24 VDC	Electronic	DI	
3	ESD-6000	COMPRESSOR ESD SIGNAL FROM PLANT ESD SYSTEM	Field	24 VDC	Electronic	DO	
<b>COMPRESSOR PACKAGE(K-2002)</b>							
4	UCP-6002	COMPRESSOR FIRE ESD SIGNAL TO PLANT ESD SYSTEM	Field	24 VDC	Electronic	DI	
5	UCP-6003	COMPRESSOR PROCESS ESD SIGNAL TO PLANT ESD SYSTEM	Field	24 VDC	Electronic	DI	
6	ESD-6001	COMPRESSOR ESD SIGNAL FROM PLANT ESD SYSTEM	Field	24 VDC	Electronic	DO	
<b>COMPRESSOR PACKAGE(K-2003)</b>							
7	UCP-6004	COMPRESSOR FIRE ESD SIGNAL TO PLANT ESD SYSTEM	Field	24 VDC	Electronic	DI	
8	UCP-6005	COMPRESSOR PROCESS ESD SIGNAL TO PLANT ESD SYSTEM	Field	24 VDC	Electronic	DI	



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S. No.	Tag No.	Service/Description	Location (Field/CR)	Signal	Type		Remarks
					Electronic/ Pneumatic	I/O Type	
9	ESD-6002	COMPRESSOR ESD SIGNAL FROM PLANT ESD SYSTEM	Field	24 VDC	Electronic	DO	
<b>COMPRESSOR PACKAGE(K-2004)</b>							
10	UCP-6006	COMPRESSOR FIRE ESD SIGNAL TO PLANT ESD SYSTEM	Field	24 VDC	Electronic	DI	
11	UCP-6007	COMPRESSOR PROCESS ESD SIGNAL TO PLANT ESD SYSTEM	Field	24 VDC	Electronic	DI	
12	ESD-6003	COMPRESSOR ESD SIGNAL FROM PLANT ESD SYSTEM	Field	24 VDC	Electronic	DO	

- NOTES:**
- 1-The I/O List developed is based on preliminary information & shall be developed in detail by CONTRACTOR during detail engineering stage.
  - 2-The I/O List includes the Compressor PLC I/Os signals which shall be terminated at Plant existing ESD System.
  - 3-Any Necessary Hardware/Software modification in existing Safety System shall be in EPCC CONTRACTOR scope.