

CLIENTE NEXEN UK  
 LOCALITA' PRODUCTION PLATFORM  
 PROGETTO GOLDEN EAGLE  
 AREA DEVELOPMENT  
 SERVIZIO NGL TRANSFER  
 SIGLA P-2805 A/B  
 TIPO POMPA 3140M (ø70x120)  
 ORDINE 168397-200-PO-3278  
 DATA 26/08/2011  
 COMMESSA 2B020

PM-2805 A/B  
 MAIN ELECTRIC MOTOR  
 - Rated Power: 75 kW  
 - Feeding: 690 V, 50 Hz, 3 Ph  
 - Motor supplier: Siemens/Loher

P-2805 A/B  
 MAIN PUMP  
 - Capacity: 13 m3/h  
 - Discharge Pressure: 125,9 barg  
 - Hydraulic end Material: LTCS

LIMIT OF SUPPLY  
 PERONI CUSTOMER

#### INSTRUMENTS

FIELD MOUNTED  
 SHARED DISPLAY  
 PROCESS ALARM  
 SHARED DISPLAY  
 MULTIVARIABLE PROCESS ALARM  
 PSD  
 PROCESS SHUT DOWN

ELECTRIC SIGNAL  
 INTERNAL SYSTEM LINK  
 (SOFTWARE OR DATA LINK)

VALVES  
 DOUBLE BLOCK AND BLEED  
 (MONOBLOCK)

#### REFERENCE DOCUMENTS:

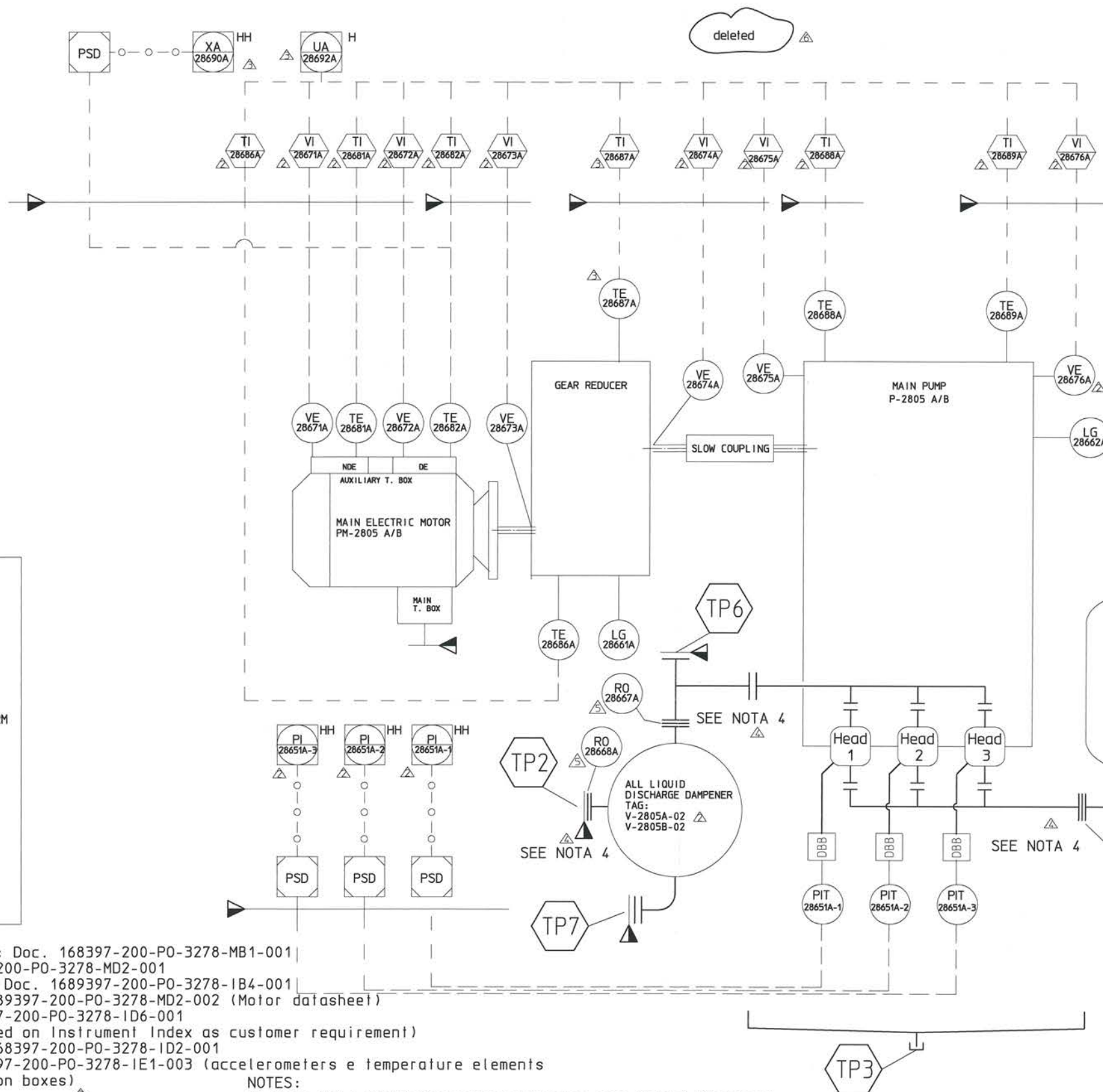
- 1) General arrangement drawings: Doc. 168397-200-PO-3278-MB1-001
- 2) Pump datasheet: Doc. 168397-200-PO-3278-MD2-001
- 3) Instrument Lay-out drawings: Doc. 168397-200-PO-3278-IB4-001
- 4) Equipment datasheet: Doc. 168397-200-PO-3278-MD2-002 (Motor datasheet)
- 5) Instrument index: Doc. 168397-200-PO-3278-ID6-001  
(Pump alarm and Trip are included on Instrument Index as customer requirement)
- 6) Instrument datasheet: Doc. 168397-200-PO-3278-ID2-001
- 7) JB wiring diagram: Doc. 168397-200-PO-3278-IE1-003 (accelerometers e temperature elements cabled back to skid edge junction boxes)

#### NOTES:

- 1) Pump unit manifolds material/design are Peroni Standard
- 2) Accelerometer/Velometer and temperature element Transmitters are not Peroni scope of supply
- 3) PSD trip from electric motor vibration e condition monitoring only
- 4) Pulsation dampers accessories (orifice plate for pressure drop), added orifices Tags.

TP7	Discharge dampener drain	1" ANSI 1500# RTJ
TP6	Discharge dampener vent	2" ANSI 1500# RTJ
TP5	Suction dampener drain	1" ANSI 600# RF
TP4	Suction dampener vent	2" ANSI 600# RF
TP3	Leakage recovery drain	1" NPT-F plugged
TP2	Unit outlet	2" ANSI 1500# RTJ
TP1	Unit inlet	3" ANSI 600# RF

CONNESSIONI - CONNECTIONS



INSTRUMENT TAGS:  
 A -> P-2805A  
 B -> P-2805B

Nexen Petroleum (U.K.) Limited Golden Eagle Area Development					
VENDOR : PERONI POMPE SpA					
EQUIPMENT TITLE : NGL Transfer Pumps					
EQUIPMENT TAG NO(S) : P-2805 A/B					
GEAD Vendor Document Number					
<u>Purchase Order Number</u>		<u>Doc Type</u> Code	<u>Seq.</u> No.	<u>Rev.</u>	<u>DATE</u>
168397-200-PO-3278		MC2	001	07	30/08/2012
INCLUDES DOCUMENT CODES :			TOTAL SHEETS :		
F		Final (accepted) - manufacturing may proceed.			
A		Qualified Release - revise and re-submit. Manufacturing may proceed subject to incorporation of comments.			
R		Rejected - revise and re-submit. Manufacturing may not proceed.			
I		Accepted for information only.			
Review of Vendor documents does not relieve Vendor of the responsibility for correctness under the Purchase Order. Permission to proceed does not constitute acceptance of design, detail and calculations, test methods or materials developed or selected by the Vendor and does not relieve the Vendor from full compliance with the Purchase Order or any other obligations, nor detract from any of the Purchaser's rights.					
Engineer :			Date :		

6	30/08/2012	Revised as per customer comments where indicated with	Bosisio	Giacchi
5	27/06/2012	Revised as per customer comments where indicated with	Bosisio	Giacchi
4	18/05/2012	Revised as per customer comments where indicated with	Bonelli	Giacchi
3	18/04/2012	Revised as per customer comments where indicated with	Bonelli	Giacchi
2	24/02/2012	Revised as per customer comments where indicated with	Bonelli	Giacchi
1	16/01/2012	Revised as per customer comments where indicated with	Bonelli	Giacchi
Rev.	Date/Date	Descrizione / Description	Dis./Drawn	Appr./Aprd.
0			Dis./Drawn	Appr./Aprd.
			Bonelli	Giacchi
			27/10/2011	27/10/2011

PERONI POMPE Sp.A.

Piping & Instrumentation Diagram

Dis./Dwg. N.314H M4 000 000 PDI