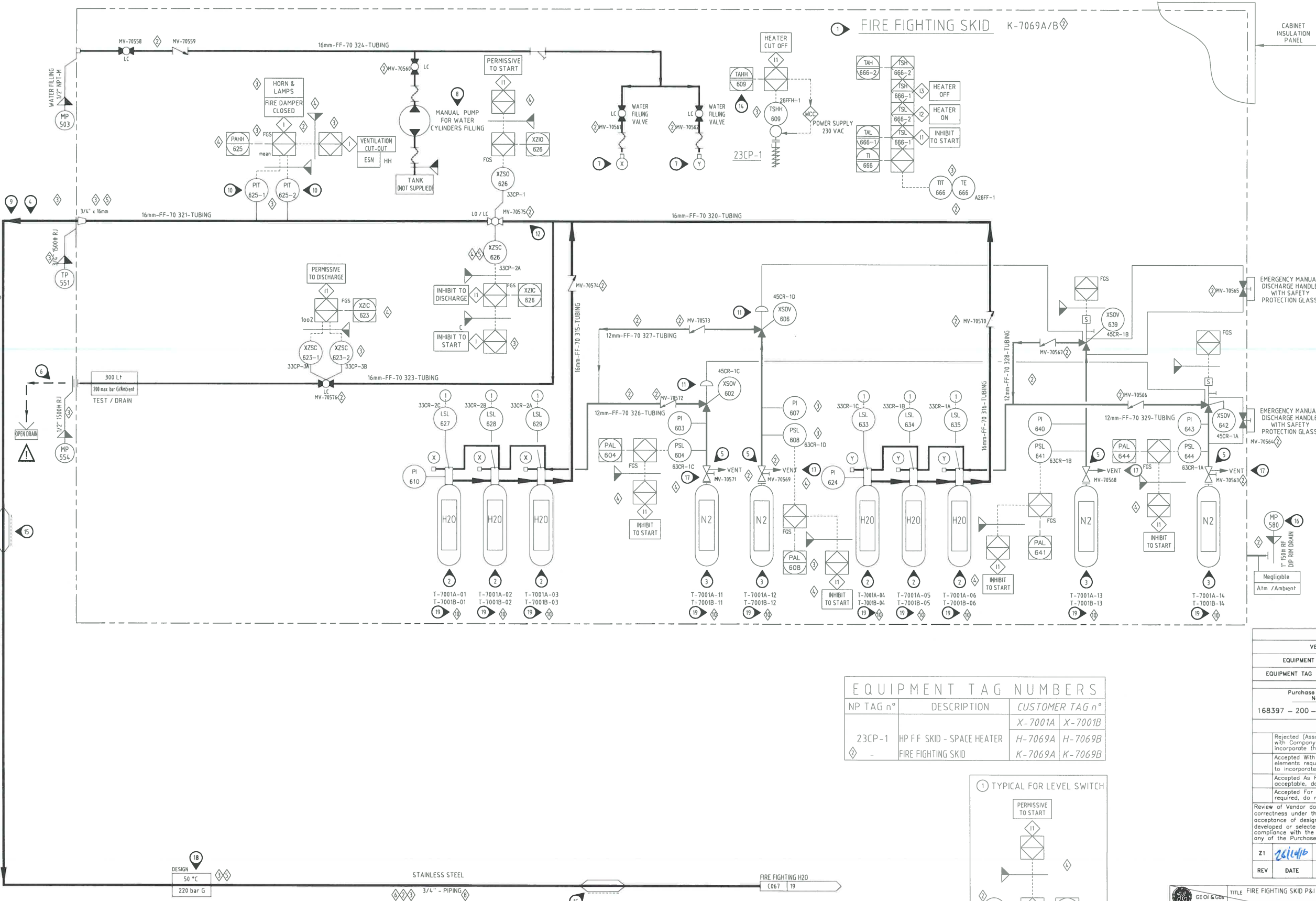


CR 0.0000  
UTP 017A-REV/B

23CP-1  
SERVICE FIRE FIGHTING SKID HEATER  
DESIGN DUTY 0.5 kW  
ELECTRIC SUPPLY 230 V/50 Hz/1 Ph

# NOTES

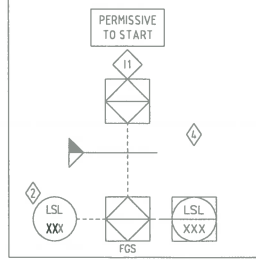
- 1 WATER MIST HIGH PRESSURE FIRE FIGHTING SYSTEM (FM APPROVED)
- 2 50 LT. WATER CYLINDERS @200 Bar G. CYLINDERS Q.TY IS BASED ON SUB-SUPPLIER "MARIOFF" PRODUCT STRUCTURING SCOPE OF SUPPLY
- 3 50 LT. NITROGEN CYLINDER @200 Bar G. CYLINDERS Q.TY WILL BE FOUR
- 4 INTERCONNECTING TUBING EQUIVALENT LENGTH FOR PRESSURE DROP EVALUATION 19m, BASED ON 3/4" 0.065" THK
- 5 DURING ONE BANK MAINTENANCE ACTIVITY (e.g. WATER CYLINDERS FILLING), THE WATER DELIVERY ISOLATION VALVE MUST BE KEY-LOCKED IN CLOSED POSITION. RELEVANT N2 CYLINDER ISOLATION VALVE MUST BE CLOSED, AND WATER CYLINDERS INTERNAL PRESSURE VERIFIED (NO PRESSURE ALLOWED) BEFORE ACCESS THE SYSTEM
- 6 HIGH PRESSURE LINE IN CASE OF SYSTEM TEST/MAINTENANCE TP's SHALL BE ROUTED TO AN OPEN DRAIN BY MEANS OF A 200 Bar G RATED LINE TO AVOID RISK OF INJURY OR DAMAGE
- 7 TO X → FILLING CONNECTION ON H2O CYLINDERS TO Y → FILLING CONNECTION ON H2O CYLINDERS
- 8 IN CASE OF PRESSURIZED WATER SOURCE IS UNAVAILABLE WATER SHOULD BE SUPPLIED WITH A TANK AND CYLINDERS CAN BE FILLED BY MANUAL PUMP
- 9 WATER DISCHARGE TIME IS 20 min. ALL CYLINDERS ARE RELEASED SIMULTANEOUSLY
- 10 DO NOT INSTALL ISOLATION VALVE / MANIFOLD ON IMPULSE LINE
- 11 EACH NITROGEN ACTUATED VALVE IS EQUIPPED WITH A RELEASE DISK THAT IS MECHANICALLY BORED IN CASE OF WATER RELEASE (EITHER FOR FIRE ALARM OR SYSTEM TESTING). DISK TO BE REPLACED AFTER WATER DISCHARGE TO RESTORE SYSTEM OPERATION
- 12 DURING MAINTENANCE OPERATION INSIDE TURBINE ENCLOSURE, BOTH ISOLATING VALVES MUST BE KEY-LOCKED ON CLOSED POSITION
- 13 N.A.
- 14 HH MEANS HEATER CUT-OUT, NOT GAS TURBINE STOP
- 15 HEAT TRACING AND INSULATION SUPPLIED BY OTHERS
- 16 NO NEED TO BE PIPED AWAY, LOCAL DRAIN
- 17 MICRODRAIN NOZZLE PRESENT ON N2 ISOLATION VALVE TO ALLOW N2 LEAKAGES TO BE VENTED TO PREVENT ACCIDENTAL WATER MIST DISCHARGE
- 18 OPERATING CONDITIONS TEMPERATURE AMBIENT PRESSURE MAX 200 barG
- 19 REVISED AS PER SRH90113639



## EQUIPMENT TAG NUMBERS

NP TAG n°	DESCRIPTION	CUSTOMER TAG n°
23CP-1	HP FF SKID - SPACE HEATER	X-7001A X-7001B
-	FIRE FIGHTING SKID	H-7069A H-7069B
		K-7069A K-7069B

## 1 TYPICAL FOR LEVEL SWITCH



Nexen Petroleum (U.K.) Limited				
VENDOR : GE Nuova Pignone (AMEC FW)				
EQUIPMENT TITLE : PIPING & INSTRUMENT DIAGRAMS				
EQUIPMENT TAG NO(S) : X-7001A/B, X-5701A/B				
Vendor Document Number				
Purchase Order No	Doc Type	Seq. Sheet No	Rev.	DATE
168397 - 200 - PO - 3270 - MC2 - 001 - 20			Z1	26/10/14
SUPPLIER DOCUMENT REVIEW				
Rejected (Assai Code - REU) - Quality and content is out of conformity with Company requirements. Document shall be revised by Supplier to incorporate the necessary changes and subsequently re-submitted.				
Accepted With Comments (Assai Code - AWC) - Generally acceptable but elements require to be addressed. Document shall be revised by Supplier to incorporate the necessary changes and subsequently re-submitted.				
Accepted As Final (Assai Code - FIN) - Documents are considered acceptable, do not re-submit.				
Accepted For Information (Assai Code - AFI) - No further action required, do not re-submit.				
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, not detract from any of the Purchaser's rights.				
Z1	26/10/14	AD-HOC AS-BUILT	WAB	ATM
REV	DATE	DESCRIPTION	DRN	CHK APP CLT

GE Oil & Gas	TITLE FIRE FIGHTING SKID P&I DIAGRAM	DOCUMENT CODE SOM5081932	REVISION 11
REVISION DESCRIPTION NO REVISION IS INTRODUCED IN THIS SHEET		PAGE MARKER N/A	SECURITY CODE N
		ORIGINAL JOB 1703636-37	LANGUAGE A
		SIZE 1	SHEET 20-64-21
THIS DOCUMENT IS AND CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION OF Nuova Pignone S.r.l. WHICH SHALL NOT BE USED OR DISCLOSED TO OTHERS EXCEPT WITH THE WRITTEN PERMISSION OF Nuova Pignone S.r.l. UNPUBLISHED WORK ©2014 Nuova Pignone S.r.l. ALL RIGHTS RESERVED			