

CR 000000  
UTP 0101-A/UTP

# TURBINE ENCLOSURE

AIR INLET

PROTECTION SCREEN

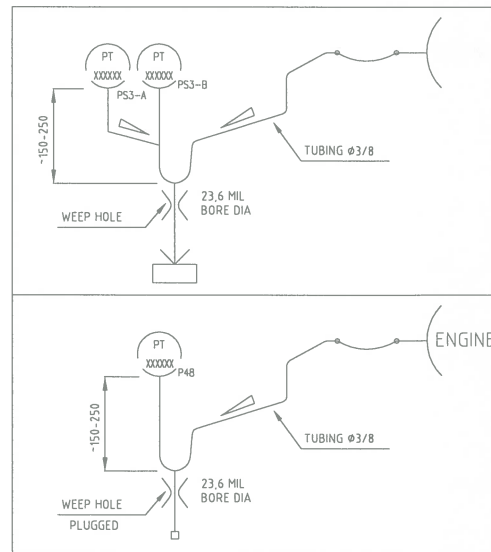
GAS TURBINE  
GT-7001A/B

1 TYPICAL FOR GENERATOR  
EXHAUST THERMOCOUPLES  
Section "A-A"

2 TYPICAL FOR GAS TURBINE  
EXHAUST THERMOCOUPLES

NOT

- 1 RECOMMENDED INSTRUMENT MOUNTING FOR PS3A/B, P48, P2 AND P0  
THERE IS NOT MANIFOLD NEITHER ISOLATION VALVE
- 2 SUPPLIED WITH ENGINE
- 3 SUMP PRESSURIZATION/SEALING AIR
- 4 TIME RESPONSE 0.002 SEC
- 5 ESN IN CASE OF STALL DETECTION
- 6 TRACKING FILTER AND INTEGRATOR (POWER TURBINE FREQUENCY)  $\pm 2.5$  Hz
- 7 GAS GENERATOR EXHAUST TEMPERATURE THRESHOLDS/INTERLOCKS  
-TSHH EMERG. SHUTDOWN  $85^{\circ}\text{C}$  @NGGSEL-5000rpm  
-TSH/2 ALARM  $\approx 880^{\circ}\text{C}$  FOR TIME  $\times 0.1$  SEC  
-TSH/2 ALARM  $\approx 874^{\circ}\text{C}$  FOR TIME  $\times 10$  SEC
- 8 IMPULSE LINE SLOPED TOWARD PROCESS LINE OR AT LEAST NO POCKETS, AS PRACTICABLE
- 9 THIS TRANSMITTER WILL BE SUPPLIED WITHOUT DIGITAL INDICATOR
- 10 SHUTDOWN NOT REQUIRED IF VIBRATION FAULT CLEARS WITHIN 10 SEC OF REACHING IDLE
- 11 POWER SUPPLY 115 VAC FROM MCC PANEL
- 12 THE ANTI-ICING VALVE WILL BE INSULATED
- 13 PS3A AND PS3B MEASURE THE DISCHARGE STATIC PRESSURE OF GT AXIAL COMPRESSOR AND ACT AS ANTISURGE CONTROL
- 14 INSULATED FOR PERSONNEL PROTECTION
- 15 GB1 PANEL IS INSTALLED ON SYNTHETIC OIL CON
- 16 GB2 PANEL IS INSTALLED ON TURBINE ENCLOSURE SIDE
- 17 ANTI-ICE VALVE SUPPLIED 00SE
- 18 PRESENCE OF 316SS TUBING N THIS P & d PAGE
- 19 FULL BORE ORIFICE IS INTENDED AS A PROVISION FOR A RESTRICTION ORIFICE IN ORDER TO REDUCE AND REGULATE THE ANTICE AIR FLOW



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					
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168397 - 200 - PO - 3270 - MC2 - 001 - 07					
DATE					
21/10/16					
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Z1	21/10/16	AD-HOC AS-BUILT	DRN	CHK	APP
REV	DATE	DESCRIPTION	DRN	CHK	APP

EQUIPMEN		G NUMBERS	
N P TAG n°	DESCRIT	CUSTOMER TAG n	
		X-7001A	X
95TR	GAS GENERATOR IGNITION TRANSFORMER	LTR-7001A-01	LTR 70
95TR 2	GAS GENERATOR IGNITION TRANSFORMER	LTR 7001A-02	
-	GAS TURBINE	GT 7001A	

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