DATA SHEET- MAGNETIC LEVEL GAUGE / MAGNETOSTRICTIVE TRANSMITTERS

TITLE					ITEM/TAG No.	DATA SHEET No.
MAGNETIC LEVEL GAUGE / TRANSMITTER - MAGNETOSTRICTIVE					AS BELOW	D397-I-DS-2005
PROJECT DESCRIPTION					GPS PROJECT No	PAGE / REV
GAS TREATMENT PROJECT					O-D-08-397	7 of 7 / 0
VENDOR		PURCHASE ORDER No.			REQUISITION NO.	SPECIFICATION No.
GLOBAL PROCESS SYSTEMS INC						

CLIENT NAME	REV No	DATE	BY	CKD	APP.	DESCRIPTION
ASTROINVEST UKRAINE	A	17/7/2008	JCR	JV		Issued for IDC
CLIENT'S REF.	0	2/11/2008	JCR	JV		Issued for Purchase
LOI/1547/2						
ORIGINATOR / ORIG. DATE						
JCR / 10/7/2008						

UNITS:- Pressure ■ bar g ☐ kg/cm² g ☐ kPa g ☐ psi g Dimensions: ■ mm ☐ in.
Temp ■ °C ☐ °F

1	INSTRUMENT TYPE	MAGNETIC LEVEL GAUGE / MAGNETOSTRICTIVE LEVEL TRANSMITTERS - FLANGED
2	QUANTITY	1 NO. AS PER THE TAG LIST
3	SERVICE	LEVEL MEASUREMENT
4	LEVEL GAUGE MODEL NO.	2-LG/LIT-134:- KM26S/SS6/W5F0F0B5/CST-WR26/N78/CM1A/C/IL1/VV/DV/356MM
5	PROCESS CONNECTION FLANGE	SIZE: 2"; MATERIAL : LTCS (A350 LF2)
6	CONNECTION .	SIDE / SIDE
7	CHAMBER SIZE & RATING	2-LG/LIT-134:- SIZE 3" SCH 80; MATERIAL: SS 316
8	FLOAT SIZE & MATERIAL	2-LG/LIT-134:- SIZE 2.75" O.D.X 26" LONG ; MATERIAL: GRADE 5 TITANIUM
9	MAGNETIC LEVEL GAUGE SCALE	SS316 SCALE
10	TRANSMITTER MODEL NO.	2-LG/LIT-134:- AT200/B/L9C/A/R1/M3/X/CEI/356MM
11	TRANSMITTER OUTPUT	4-20mA + HART
12	POWER SUPPLY	24VDC (Loop powered)
13	CABLE ENTRY	ISO M20
14	INTEGRAL INDICATION REQUIRED	REQUIRED, ANALOGUE METER (SUPPLIED BY OTHERS)
15	VENT CONN	3/4" BALL VALVE (SW x NPT PLUGGED)
16	DRAIN CONN.	3/4" BALL VALVE (SW x NPT PLUGGED)
17	MFR	K-TEK
18	HAZARDOUS AREA CLASSIFICATION	ZONE-2, GAS GROUP-IIA, T3
19	ENCLOSURE PROTECTION	IP67, INTRINSICALLY SAFE, DUAL COMPARTMENT ALUMINIUM
20	ACCURACY	+/- 0.01% OF FULL SCALE
21	REPEATABILITY	+/- 0.005% OF FULL SCALE

22/23/24	TAG NO.	BOTTOM FLUID	CONN. SIZE (NB)	VIS. LENGTH (MM)	SP GR (BOTTOM FLUID)	C/C DIST. (MM)	OPERATING PRESS. (Barg)	OPERATING TEMP (°C)	DESIGN PRESS. (Barg)	DESIGN TEMP (°C)	RATING/ FACING (ANSI)	P&ID NO.	REV
25	2-LG/LIT-134	HC LIQUID	2"	356	0.4896 to 0.7859	356	56 to 74	0.3 to 25.9	83	-45 TO 80	600#	D397-P-DW-2306 SHT 2 of 2	0
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31 NOTES:-
32 1 All instruments to be supplied with a SS 316 Name plate with Tag no. and Model no. permanently inscribed.
33 2. Vessel connection flanges to ANSI B 16.5
34 3. Documentation required : Dimensional Drawing, Material Certificates for Pressure Rating Parts, Hazardous Area Certificate, Calibration certificate and GOST R Certificate.
35 4. All weld joints shall be radiographed 100%.
36 5. Transmitter chamber shall be hydrotested for leaks after assmebly.
37 6. Level transmitters shall be supplied with 3/4" Vent & Drain valves (Ball valves, SW x NPT Plugged).
38 7.Level transmitters shall be suitable for an ambient temperature of -34 Deg.C.
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Global Process Systems Inc.

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