

Accuload IV flowcomputers



ACCULOAD IV FLOWCOMPUTERS

End customer

Avia

Starting position

The installation at the depot was outdated. The flow computers on the load rack had more than 15 years of service behind them and were at the end of their working life.

Goals

The operating reliability of the old installation was substandard. The old flow computers were no longer supported by current IT packages. Neither could spare parts be found for the old flow computers.

Result

With the new AccuLoad IV flow computers with colour touchscreen Avia now has the latest flow computer on the market. This offers many more options regarding additives and blending.

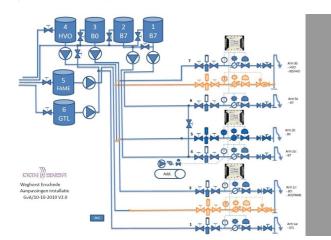
Actions

The replacement of the flow computers and the improvement of the piping has given the customer a modern and user-friendly installation. There are now two blending lines installed that allow two products to be mixed in just about any proportions. As a result, the customer can respond effectively to changes in the market.

CASE STUDY IMAGES



Flow control loading arm	Additive injection in case of additive	Level signal from Distorage tank	
	Flowmoter O Flowmoter O PT100		CE M20 0122
Flowcomputer	Switch for printer Buyitch for printer Buyitch for printer Buyitch for printer Buyitch for printer	PRINTER/UPC2000	DCM EMBA M&C Michel Geysemansstraat 1 2550 Waarloos (Antwerp) Belgium
Manufacturer :	DCM EMBA M&C nv	EU-type examination certificate: DE-18-MI005-PTB011	
Type : Accuracy class : Environment class :	LMS-4-AL4-SF60-LEVEL-16-0.5 0.5 M1 / E2	Installation : Serial Number : Year :	ARM31 2020/0535 2020
Min. measured quantity : Flow rate range (Omin-Omax) Maximum operating pressure :	500 L 225 - 2250 l/min. 16 barla)	Flowmeter : Serial number :	FMC - SF-60-DI 18DF111268
Pressure min. : Temperature range ambient. : Temp. range product :	2 bar(g) -25+55 ° C -10 +50° C	Flowcomputer : Serial number : Level signal tank :	FMC-ALIV-ST-XP-ARM2 UJ006M Rosemount - REX 3900
Density Range : Viscosity Range :	600 - 1000 kg/m3 0,3 - 17 mPa.s	PT100 : Serial number :	RODAX-PT100 200110005





To Isading arm	Printer/UPC200 Z550 Waarios (Antwerp) Belgium
Manufacturer : DCM EMBA M&C nv	Flowcomputer : FMC- ALIV-ST-XP-ARM2
Type : LMS-4/3-AL4-SF60/GSC3-LEVEL-16-0.5	Serial number : UJ006M
Mech./elec environment class : M1/M2	Flow meter 1: FMC - SF-60-DI
fin. measured quantity : 500 l	Serial number : 18DF111265
low rate range (Qmin-Qmax) 38 - 4150 l/min. Operating pressure min/max. : 2 /16 bar(g)	Level signal tank (1) : Rosemount - Rex 3900
Ambient temp. : -25+55 °C	PTI00 meter 1 : RODAX
Operating temp. : -10+50 °C	Serial number : 200110006
lensity Range : 600 - 1000 kg/m3	Flowmeter 2 : FMC - 6SC3ST15
/iscosity Range : 0,3 - 17 mPa.s	Serial number : 1947E10021
nstallation : ARM 32 Serial Number installation : 2020/0536	Level singal tank (2) :Rosemount - Rex 3900
Building year : 2020	PT100 meter 2: RODAX
EC-type examination certificate : DE-18-MI005-PTB011	Serial number : 200108015

WHY DCM EMBA?

DCM EMBA offers its customers full technical solutions for liquid flows in sectors including the oil, gas and chemical industry where measuring, expertise and uptime are the priorities. We supply high quality verifiable measuring instruments, installations, expertise and services to have these flows proceed optimally at all times

Your liquids, our Metering & Control expertise





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