

**VAE CONTROLS, s.r.o.**

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## Project Details

Project name:..... **Metering Skids for Alexela Sløvåg Bunkering Terminal, Norway**

Contractor, contact: ..... Bahr Pump OÜ, Pärnu mnt 388a, Tallinn, Estonia

End customer:..... Alexela Sløvåg AS, Gulen Næringshavn, 5960 Dalsøyra, Norway, tel: +47 5778  
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Scope of works: ..... Design, fabrication and commissioning of skids for measuring of Diesel fuel in a  
 bunkering terminal

Project Period: ..... 2018



The skids are intended for custody transfer of Diesel being loaded to ships of different sizes and with different filling rates. Therefore the skids are equipped with high-capacity air eliminators which allow for accurate measurement of even very small batches where the piping is initially filled with air. The meters are of Corioli (mass meter) type. All equipment, piping and wiring were assembled onto a frame (skid) in our workshop. Before delivery to the site, the skids were completely set and pretested. Special attention was paid to the painting system which is compliant with C5-M category acc. to ISO 12944 and to systemic conductive connection (bonding) of metal parts. The system has been certified for fiscal measuring according MID.

### Basic technical data:

Skid	#1	#2
Flow measuring range	57-300 m <sup>3</sup> /h	30-160 m <sup>3</sup> /h
Inlet/outlet connections:	DN150 PN16	DN100 PN16
Design pressure:	16 bar	
Media:	Diesel Fuel	
Flow measuring accuracy	0,1%	