

Tender Clarifications

1. Could the client confirm if there is presence of ammonia in any of the chambers and therefore, gas detection and breathing apparatus are required?

Response

The treatment plant on site is used for the treatment of leachate, as such gas detection equipment is required when working on plant and when carrying out all works on the leachate cells on the landfill. Unless carrying out works inside the Aeration tank breathing apparatus is not typically required. Prior to any maintenance work inside the treatment plant tanks the tanks will be cleaned by an appropriately qualified company.

For clarity contractors can include a cost for the provision of breathing apparatus in AL002.

Note: Payment of the costs for the use of breathing apparatus will only be paid where the contractor has provided evidence of the need for it. (Notifying site staff of gas monitoring alarm during prework preparations)

In the case of emergency callouts, site staff will notify the contractor if gases have been noted in the area.

2. Please provide as-built records of installed infrastructure.

Response

Drawings attached. Note the client cannot guarantee the accuracy of the drawings.

3. Please explain the scope for item "*AL-001.12 - 6 No actuators and chambers*". Especially where it refers to chambers.

Response

The 6 was an error it should be "4". The Chambers refer to the locations of valve across the facility. The 4 actuated valves as follows.

EAV 1 & 2 are located in an open chamber and distribute leachate between Aeration tanks 1 & 2.

EAV3 is located above ground with the knife gate in a chamber below. This valve controls flow to the leachate storage tank. It is normally open.

EAV4 is normally closed and redirects leachate from the leachate distribution chamber to the leachate PS.

EAV 1 Rotork – Z464710203

EAV 2 KE016-3P



EAV3 and Actuator







EAV 4





rotork

ROTORK CONTROLS LIMITED
BATH, ENGLAND.

serial number	73319801/01	
wiring diag. no.	700-000-07	
actuator type	IQ10F10/(B)	
speed	24	rpm
max. torque setting	34	Nm
enclosure	FLP / IP68/03	
lubricant	SAE 80EP	
motor rating	0.5 Kw	15 min
power supply	380-3-50	
nominal motor current	5	amp
indication contacts	amp	Vac Vdc
	5	250 30
EEExd	☐ IIB T4 (T. amb = +70°C)	
SCS No. Ex93C1027		



MADE IN ENGLAND
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