

RIG INSTRUMENTATION

BULK TANK MONITORING SYSTEM



ELECTRO-FLOW
CONTROLS

EMISSION MONITORING

DRILLERS INTERCOM

FIRE AND GAS DETECTION SYSTEM



Bulk Tank Mud & Cement Monitoring and Control Panels are supplied to rigs on a global basis.

Typically panels are for safe area operation, however, as per all EFC systems Zone 1 hazardous

area systems are available as required.

An example of a stainless steel Bulk Tank panel is pictured above. This includes:

Mimic arrangement, with different colours for air lines and for powder lines and tanks
52-off two-position switches, the position of which indicate the status of each

pneumatically
actuated valve

6-off LED digital displays of individual tank weights

6-off LED digital displays of individual tank pressures

8-off high level alarm indications for each tank.



DESIGNED & CONSTRUCTED
TO OPERATE IN ZONE 1 & SAFE AREAS



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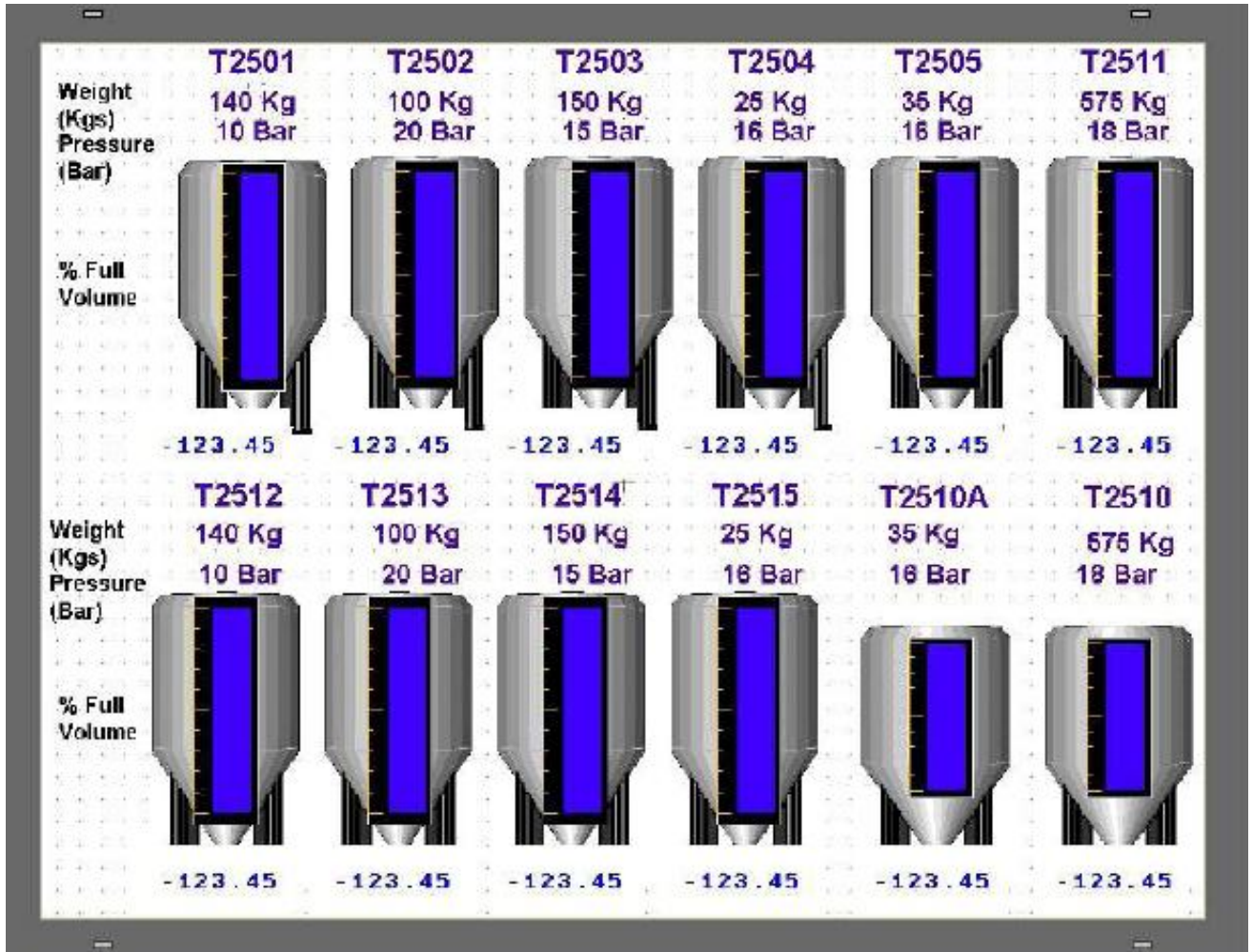


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Typical Screen Shot from Bulk Tank Monitoring System.

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