



CORROSION CONTROL

PROJECT REFERENCE

**STORAGE
TANKS
NORTH AFRICA
2020-21**





CORROSION CONTROL

STORAGE TANK CATHODIC PROTECTION PROJECT

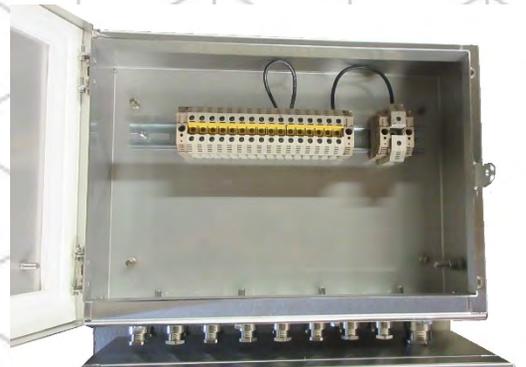
Scope :	BAC Corrosion Control secured a contract to supply Cathodic Protection materials to 29 Crude Oil Storage Tanks with Diameters of ~100m and 7 Fire Water Storage Tanks.
	Each Tank base external plate was protected using an MMO Ribbon / Ti Bar grid system located in the clean sand layer between the tank base and HDPE liner. The systems offer lifetime protection in excess of 30 years .
	Each system is powered by a BAC Infinity Model Variac Controlled Transformer Rectifier unit . Every tank has a number of permanent reference electrodes to measure the tank to electrolyte potential. Additional monitoring is provided using a perforated uPVC tube allowing a portable cell to be pulled through from one side to the other
Challenges :	A large amount of material was required at site in a very short space of time due to an accelerated construction programme for this important strategic project.
Outcomes :	BAC delivered all material to site on or before time to mee the clients exacting schedule.
Year :	2020-21
Region :	North Africa
Equipment Supplied :	36 Oil Cooled Transformer Rectifier s
	>500,000m MMO Ribbon
	>100,000m Ti Bar
	>800 Reference Electrodes
	>19kms of Slotted Monitoring Tube
	>200 Junction Boxes & Test Stations
Value :	~\$2,500,000.00



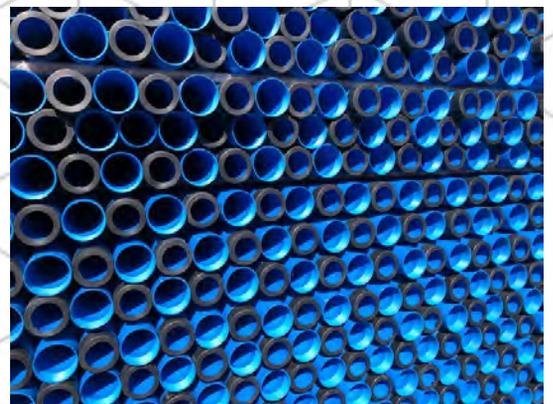
Variac Controlled Transformer Rectifiers



Permanent Cu/CuSO4 Reference Electrodes



Stainless Steel Junction Boxes



uPVC Perforated Vent Pipe

Please contact SALES@BACGROUP.COM to see how we can assist you in your projects