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“SKID MOUNTED” L.P.G. FILLING PLANT Mod. 3LP/A1DSE/5

This SKID MOUNTED L.P.G. filling plant is designed and built in order to work everywhere without any connection or civil work needs in site except for the electric supply connection only.

A pump is installed on the skid, and directly coupled, to EExd electric motor; both dispenser (electronic head type) and cylinder's scale will be filled by the same pump.

The whole plant is already permanently connected with the storage tank.

FEED MANIFOLD suitable to accept n°1 feeding points + n°1 dispenser including:
 Relief valve NP40 ND15 + relief line complete.
 Pressure gauge (range 0-25 bar) with holder valve.
 Safety valve liquid phase setted at 17,65 bar.
 Ball valves “fire safe” galvanized type NP40.
 Basket filter NP40.
 Ball valves “fire safe” galvanized type NP40.
 Check valve NP40.

L.P.G. FILLING GROUP including:
 Electric motor explosion proof CV5,5 - 4kw - 4 poles - 380V directly coupled to...
 TBA 317 L.P.G.Pump, head 160 m.l.c., delivery 70 l/min., everything installed on iron base.

L.P.G. DISPENSER (ELECTRONIC HEAD) including:
 LPG type valves (inlet and outlet).
 Return line vapour phase complete (to tank).
 Flexible hose.
 LPG gas Erogator Gun.
 Electronic connections.

SCALE'S GROUP including:
 Scale mechanical type vertical installation, dial 55x55 cm. including poliethilene protection. Max weight 80 Kg. min. accuracy = 20 gr.
 Gas plier suitable for cylinder angle type.
 Flexible hose L = 2 mt. ø ½".
 Ball valve fire-safe galvanized NP40 ND15.

EEx-d ELECTRIC PLANT including:
 Explosion proof box.
 Start-stop switches.
 Flexible conduit with coupling -
 Conduit seal - Conduit fitting -
 Electromagnetic switch with overload protection.

L.P.G. TANK CAPACITY 5 Cu.M. with all accessories:
 - External diameter 1200 mm.
 - Design temperature -10 +50°C
 - Design pressure 17,65 bar
 - Total lenght 4700 mm.
 - Height 1700 mm. (without skid)
 - Estimate weight 1020 Kg