सी0एस0आइ0आर0- भारतीय पैट्रोलियम संस्थान
(वैज्ञानिक एवं औद्योगिक अनुसंधान परिषद)
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Creating Future Fuels

Corrigendum

Date : 20.11.2026

Technical Specification for Metering Pump (Hydrocarbon & Vegetable Oil Feed)

Metering pump for feeding Hydrocarbon and Vegetable Oil in a pilot plant.

Parameter	Requirement
Service	Hydrocarbon & Vegetable Oil Feed
Pump Type	Positive Displacement/ Metering Pump
Max. Flow Rate	20 lph
Maximum Discharge Pressure	150 bar
Fluid Temperature	Ambient to 150°C
Flow Control	Manual
Wetted Parts	SS316 or better, compatible with Hydrocarbon & Vegetable Oil
Mechanical Seal / O-rings/ Gaskets	Compatible with Hydrocarbon & Vegetable Oil
Inlet/Outlet Connection	½ inch
Motor	Flame proof, 3-Phase
Viscosity	0.5–60 cSt @ 40°C

Accessories Required

- **Pulsation Dampener**
- **External Pressure Relief Valve (PRV)**
- **Ten set complete Spare Packing/Seal Kit**

Documents to be Supplied

- **General Arrangement (GA) Drawing**
- **Test Certificates**
- **Material Test Certificates (if applicable)**
- **Operation & Maintenance Manual**

Warranty

- **Minimum 1 Year from commissioning/supply.**

23.11.2026

SO(S&P)/SPO