



Pacific Engineering

Engineering Specification

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M.O. #16453

FILTER RECEIVER

Service: Filter Receiver, Calcium Stearate

Spec/Item No.(s): 16453 - 119.00

No. Required: One (1)

Tag No.: BF-1405

OPERATING CONDITIONS

Operating temperature: 20-100°F, (150°F Max. Product Temp.)

Area classification: Class I, Division 2, Group C

Duty: Continues

Material quantity & service: 4000 lb / hr

Material handled: Calcium Stearate

Bulk density, lbs./cu. ft.: 25 Max., 15 Min.

MATERIALS OF CONSTRUCTION

Body: 304 Stainless steel with access door

MECHANICAL SPECIFICATION

Manufacturer/model: PECO FR 24-6, 40 cu / ft

Design rating: 14 psi vacuum

Air/cloth ratio: 4.5 / 1

Inlet: 5" OD, 150#

Gas outlet: 4" SCH 10, 150#

Cages: Carbon steel, epoxy coated, 5.5" Dia x 44" Long

Venturi: Galvanized/ Stainless steel

Bag cleaning system: Pulse Jet, auto-sequence reverse pulse, timer and solenoid valves

Media/bags: Polyester coated, 24 bags, 5.5" Dia x 44" Long

Finish: Exterior, Epoxy coated, Nile Green Color, EX-6677 or equal

Level switch: Tag No. LSH-14003, LSL-14003, Endress & Hauser,

Model #LSM-1701

Differential press. indicator: Tag No. PDI-14015, Dwyer, Model #2015, 0"-15" water

ELECTRICAL CONTROLS

Electrical requirement: 120VAC, 1 PH, 60 HZ

All equipment must comply with Department of Labor Occupational Safety and Health Administration Standards, Part 1910. Exceptions must be stated.

Approved	Date	Prepared by SLB	Date 5/15/97	Revision 0	10:42 AM
Approved	Date	Checked by	Date	Date 05/21/97	No