



**T400-1 SERIES
CYLINDER MOUNTED GAS CHLORINATORS
SPECIFICATIONS**

Scope:

This specification describes the T400-1 series cylinder mounted gas chlorinator as manufactured by Modern Process Systems, Inc.

Description:

The chlorination system shall be of the vacuum operated, solution feed type. The gas feeder shall have a maximum capacity of 500 PPD of chlorine gas and shall initially be supplied with an integrally mounted rotameter of ____ PPD. The vacuum regulator shall mount directly on the gas cylinder by means of a positive yoke type, gasket connection.

Design:

The gas feeder shall provide for conveying the gas under vacuum from the vacuum regulator to the injector assembly to insure complete system safety. The gas feeder shall be constructed of materials that are resistant to corrosion from chlorine. The rate of gas feed shall be set manually and shall remain constant until manually changed. Rate valves and rate valve seats of silver shall not be required. A differential pressure regulator shall not be required for gas flow control. The gas feeder shall be convertible to automatic control by insertion of a motorized control valve in the vacuum line to receive a signal from appropriate control equipment.