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01	32-226	Release	M. Smith		8/21/07
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Vacuum Pump Down and Venting Procedure,
CRaTER Thermal Vacuum System

Dwg. No. 32-06003.05

Revision 02
August 24, 2007



1. Introduction

1.1. Activity Description

The procedure defined here in defines the steps for pumping down and venting the Crater Thermal Vacuum chamber.

1.2. Chamber Components

The chamber and accessory electronics are situated on and around the chamber. The photos below identify the major components as they are described in this procedure.

Valve #1

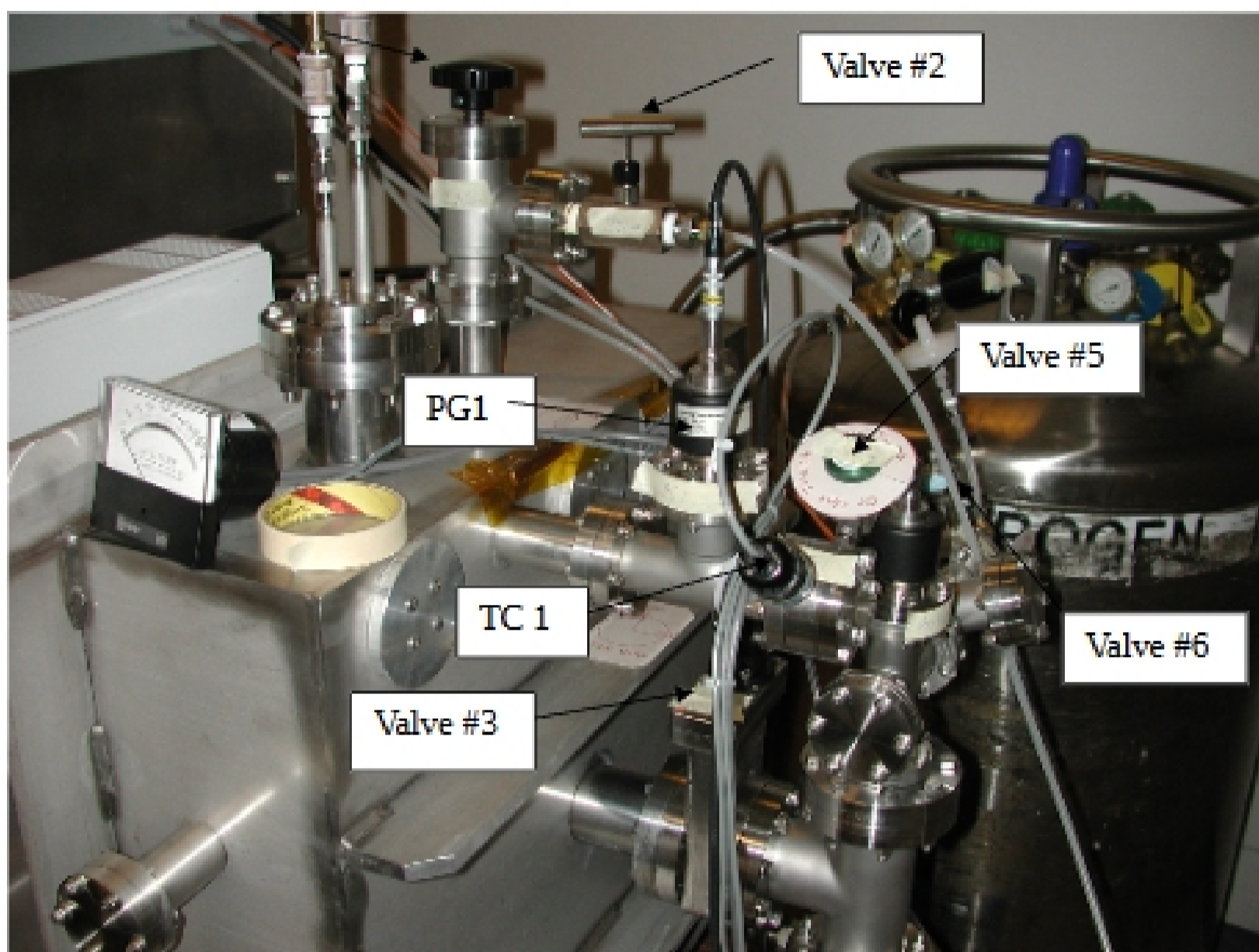


Figure 1. Chamber Valves and components

Valve #1- Large Chamber Vent Valve

Valve #2- Diffuser Vent Valve

Valve #3, Main Gate Valve

Valve #5- Secondary chamber vent Valve. Do Not Touch.

Valve #6- Pump Volume Vent Valve, near turbo pump.

TC1- High Pressure Gauge for Large Chamber Volume.

PG1-Low Pressure Gauge for Large Chamber Volume