

Building 33 QC Test Box Operation

List of Travelers:

Number	Title and Link	Author	Date Modified
ATLAS CO2-100	ATLAS CO2-100 High Pressure Decay Test.docx	Brian Qiu	8 July 2020
ATLAS CO2-101	ATLAS CO2-101 Evacuation and CO2 Filling Procedure.docx	Brian Qiu	3 June 2020
ATLAS CO2-102	ATLAS CO2-102 operation of the Julabo chiller .docx	Brian Qiu	8 July 2020
ATLAS CO2-103	ATLAS CO2-103 Startup and Shut Down of the CO2 Plant 7-9.docx	Brian Qiu	9 July 2020
ATLAS CO2-104	Major components and pressure rating of CO2 Plant 11-17-21.xlsx	Brian Qiu	18 Nov 2021
DOC-10004	Overall Procedure for 19-0 Prototype Thermal Test .docx	Scott Newbry	29 March 2021
DOC-10005	QC Box - Startup and Shut Down of the Test Box (IR Camera, CO2 Plant Sensors, N2 Purge, Humidity Sensor, XY Stages).docx	Scott Newbry	29 March 2021
DOC-10004 additional	Doc 10004 Common Operation of the Hitachi VFD	Brian Qiu	21 Sep 2021

Notes:

See [Thermal Tests \(confluence page\)](#) for links and information on the studies done so far at SLAC for Thermal Testing (and related instrumentation).

Manual for VFD: https://www.hitachi.us/supportingdocs/forbus/inverters/Support/WJ200_Instruction_NT325X.pdf

CO2 Operation hazard table is [here](#)

The spreadsheet for operating CO2 system is [here](#)

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QC Test Box XY Stages

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