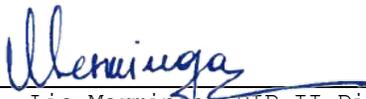


PROTON IMPROVEMENT PLAN II DIVISION PROCEDURE  
OPERATIONS  
P2DP-OP-0006  
PIP2IT QUALIFIED ACCELERATOR OPERATOR CERTIFICATION

RESPONSIBLE PARTY: PIP-II Division

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### **1.0 PURPOSE AND SCOPE**

The following document is provided to define the Proton Improvement Plan II (PIP-II) Injector Test (PIP2IT) Qualified Accelerator Operator (QAO) certification process.

### **2.0 TRAINING**

This training shall be administered by the PIP-II Operations Coordinator or designees to intended PIP2IT operators. Those wishing to become PIP2IT QAOs must complete P2DP-OP-0003 PIP2IT CONTROL ROOM ON-THE-JOB TRAINING (OJT). Upon record of completion, the P2DP-OP-0003 training document is signed and dated by the intended operator and trainer. The original document is filed in the PIP-II Division.

### **3.0 CERTIFICATION**

The PIP-II Operations Coordinator is presented with the signed training document by the trainer, at which point the PIP2IT OPERATOR QUALIFICATION AND AUTHORIZATION RECORD is signed by the Operations Coordinator. The original signed record is placed in the PIP2IT Beam Permits and Run Conditions binder. Certification authorizes the QAO to operate the PIP2IT accelerator.

### **4.0 TRAINERS**

The PIP-II Operations Coordinator designates personnel as recognized experts which are authorized to train intended operators.

### **5.0 NULLIFICATION OF TRAINING**

The PIP-II Operations Coordinator can nullify the training and authorization of any QAO due to internal transfer, separation from the lab, or other reasons deemed appropriate.

### **7.0 DISTRIBUTION**

An electronic copy of this procedure shall be made available through the PIP-II website (<http://pip2.fnal.gov/>) document database and a signed hard copy shall be maintained in the PIP2IT Control Room.

**8.0 APPENDIX**

PIP2IT OPERATOR QUALIFICATION AND AUTHORIZATION RECORD example.

## PIP2IT OPERATOR QUALIFICATION AND AUTHORIZATION RECORD

Required training and approval/authorization signatures must be received prior to being considered a PIP2IT qualified accelerator operator and authorized to operate PIP2IT accelerator

Name and ID	Radworker Expiration Date	OJT Operation Instruction sign-off	PIP-II Operations Coordinator Sign-off	Authorized to Operate PIP2IT	Qualified Accelerator Operator (QAO)
		Recognized Expert		Y/N	Y/N
		Authorized Operator		Y/N	Y/N

