

Adrian Fabich

From: Graves, Van B. [gravesvb@ornl.gov]
Sent: Tuesday, May 15, 2007 13:32
To: Adrian Fabich; hkirk@bnl.gov; Kirk Mc Donald; Ilias Efthymiopoulos
Subject: Hg inventory

On 10 May, Hg was successfully loaded into the MERIT syringe pump. Hg from only six of the eleven flasks was loaded into the system. This will still provide the same jet velocity profiles used at MIT, while at the same time minimizing the volume of activated Hg we will have to deal with in the future.

The measured weight of the loaded Hg was 400.3 lbs (182 kg), with a corresponding volume of 13.4 liters. We estimate there was slightly less than 0.5 liter already in the system, but that volume will still remain in the pump after draining.

It is requested that all the Hg flasks be removed from the tunnel prior to the start of beam operations. The drums with "empty" flasks have been marked with a notepad, in case it is desired to segregate them from the others.

Van