

Installation procedure for gate valve that is upstream of S800 Target Chamber

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1. Procedure will be implemented by personnel with gate valve and beam-line assembly experience. This procedure requires at least three people.
2. Hazards associated with this procedure include hand impingement from accidentally activated valve and dropped material hazards.
3. Prior to commencing installation or removal, air pressure will be removed and isolated from system.
4. With spring mount and spring on gate valve, 2 people lift the 50 lb. gate valve up to beam height and have 3rd person connect upper part of spring to already mounted rod end with clevis pin and cotter pin. Gate valve can then be let go and spring can thus support weight of gate valve.
5. Gate valve positioning can now be done manually with spring supporting the weight and connections can be made of Iso flanges.