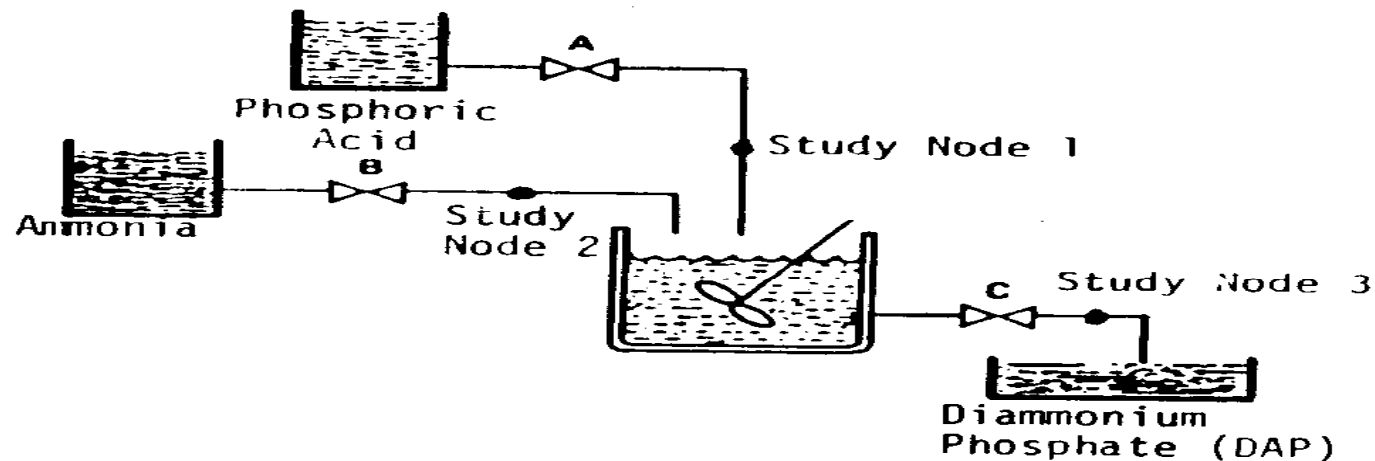


HW#2-1

HAZOP Homework



The continuous process has shown in the Figure above. In this process, the phosphoric acid and ammonia are mixed, and a non-hazardous product, diammonium phosphate (DAP), results if the reaction of ammonia is complete. If too little phosphoric acid is added, the reaction is incomplete, and ammonia is produced. Too little ammonia available to the reactor results in a safe but undesirable product.

As one of the HAZOP investigate team, how can you investigate "Personnel Hazards from the Reaction". (Hint use "NO" as the guide word)