



Responsible Production in Gujarat

GUJARAT CLEANER PRODUCTION CENTR- ENVIS CELL

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Initially there are no labels and secondary containment on bag. After RP there is ease of handling and containment prevent spill and leakage

Before



After

Before



Initially Ammonia cylinder was found lying horizontally in open. Protective cap is not available on ammonia cylinder. Vertical position avoids fall hazards. Only buy cylinder with protective caps.



After

Before



Acid and caustic tanks are next to each other, so Spill can result in heat, fire, explosion, and/or toxic gases. Recommendation is to erect a wall and separate the two tanks with dyke and provide MSDS of each substance for knowledge of workers.



After

Before



The exit route and also assembling point must be defined inside the plant in case of emergency.



After

Before



Partitions provides separate spaces clearly marking the raw material and finished products. To provide walk able space between row of drums in order to detect leak-ages if any.



After

Before



Personal Protection is Important and also necessary, the same should be defined for each area, and ready to understand list of the applicable PPE should be pasted next to each of the process areas .The workers must be made aware about the use of PPEs . It improves workers health and work efficiency.