

Safety Alert 7: Failure of lifting lug on concrete hopper

Accident description

- As the concrete hopper was being transferred with a crane, the lifting lug on the hopper failed and the hopper fell on the ground.
- Personal injuries were avoided, but the incident was severe because there were people working near the area where the hopper fell.
- The lifting lug of the hopper had already been welded before, but the hopper had not been inspected after the welding.

General observations

- Lifting accessories, lifting tanks, waste containers, etc. which have not been officially inspected or which have not been re-inspected after modifications are being used at the plants to some extent. With these types of lifting accessories, there is always a risk that the accessory will not be strong enough for the load to be lifted.

Corrective actions

- All lifting accessories used at the plant will be inspected.
- Lifting accessories which are lacking an inspection stamp, or have been repaired by welding or modified after inspection will be immediately removed from use.
- These lifting accessories will be either disposed of or repaired according to the manufacturer's instructions and then submitted for re-inspection and approval stamping.



Concrete hopper fallen on the floor.



Broken lifting lug on the concrete hopper.