

Inspection of Construction Camps was carried on 7/11/2006 at Gurdaspur. The observations made during the visit and as informed to contractor to rectify are listed below.

### **Rajinder and Company, Gurdaspur - Amritsar Division**

#### Observation:

1. The selection of camp site location is near to (500 m) human settlement and away from water courses.
2. Oil storage tank was build above ground and is not properly marked. The electric motor used for pumping the oil to the Hot Mix plant tank was leaking; as a result the soil is continuously polluted. For counter fire accident, fire extinguisher was provided but that was not functional. So it was suggested that functional fire extinguisher and warning sign be provided in all such danger locations.
3. Spillage due to loading and unloading of emulsion drum has resulted in spillage of emulsion on ground. It was suggested to prepared platform with sand over tarpaulin sheet as base. In addition to counter accident, a measure like installation of functional fire extinguisher is needed.
4. Oil pump was located close to service station and driver's room. It is require to be ensured that adequate warning sign and fire accident preventive measures are provided at this location.
5. It has been identified that bituminous mix were falling from the conveyor belt. It was suggested to collect this waste in a proper manner so that this can be utilized for paving of the foot path in the camp.
6. Large quantity of bituminous waste was stocked in the camp. It shows the inadequate disposal mechanism as a result there was direct contact with the soil. The Contractor was asked to remove this bituminous waste by utilizing this for improvement of the access road from camp to the main road.
7. It was observed that 5 persons were accommodated in a room of 3m x 2.5m, so it was suggested that 3 persons should be allowed. The room does not have ventilation for circulation so additional window was asked to be made in the existing wall opposite to entry door.
8. It was observed that Labour shelters were in pathetic condition. The basic ancillary facilities were not provided to all labours accommodated in the camp. It was suggested that proper accommodation with hygienic sanitation facilities be provided to the labours.
9. The outlet of the DG set was without silencer, so it was suggested to install a new silencer for minimization of noise pollution.
10. It was observed that the large amount of stone dust coming out from joint of dust extraction unit and mixing portion of the hot mix plant. It was suggested to check the dust extraction pressure of dust extraction unit.
11. The amount of scrap in the camp was less so it was suggested to have provision for storage of scrap in the camp and defined it into scrap yard.

12. Concrete platform at periphery of the bitumen storage tank was suggested as huge spillage was observed all around the storage tank.
13. It was not clearly informed about the disposal of the sludge generated from the hot mix plant. It was suggested to identify the location and prepare a detail disposal mechanism.
14. The stacking of aggregates was irregular and it was suggested to make it define and prevent its spillage to adjoining agriculture land.
15. The waste from the kitchen was not properly disposed off. It was suggested that vermicompost pit be provided for disposal of organic waste from kitchen and septic tank for waste water from kitchen and hand pump.
16. The repairing of the vehicle is done at the camp. The servicing area should be of lean concrete platform. Use of tray was observed at repairing station, another good practice to prevent contamination of soil.
17. Transportation vehicle in the camp was parked in a regular manner with defined parking area, so it was suggested that this good practice be continuously adopted in future also.
18. The camp was watered and was kept dust free. It was also conveyed to the contractor that this should be adopted on regular day to day basis and not for eye washing at time of inspection.

At concluding of the inspection it was agreed with Contractor and Executive Engineer that these observations will be rectified in next one week and any non compliance of these observations can result in punitive action, though work order is issued by Executive Engineer.