

Daily / Weekly checks

Introduction

The content of this procedure is used to define the minimum checks and frequencies of all quality checks carried out before, and during the operation of the ready mixed concrete plant.

Process Description

The identified inspections will be carried out, and the findings shall be recorded.

Daily checks

Plant and yard area – check condition and cleanliness, spillage around receiving hoppers and belts. There are no 'out of place' occurrences.

Weigh bins – Check that weigh bins are clear of spillage and visually operating correctly.

Tare off weigh bins.

Admix dispensers – check that the equipment is clean, no leaks visible and visually operating correctly.

Aggregate moisture content – if no moisture probe available. (Depending on conditions this may be more than once daily).

Wash out areas / wedge pits – check for waste removal requirement.

Water discharge areas – check that they are compliant with site requirements.

Requirement for samples to be obtained.

Cube storage facilities.

Concrete temperature if adverse conditions prevail.

Water/cement ratio and minimum cement content if specified.

Weekly Checks

Stockpiles – Check for contamination and correct and visible signage.

Overhead bins and conveyor controls are correctly labelled.

Weigh bins are free moving.

Admixture pipes and tanks are correctly labelled.

Admix and other liquid containers are labelled and stored in bunded area.

Admixtures are still within usable date.

High level alarms are fully functioning.

PRVs are clear and operational.

Silo pipe locks are available and functioning.

Plant mixer is clean and free from build-up.

Truck mixer drums are free from build-up and blades in serviceable condition.

Defects

Where the above checks, or from any ad hoc inspection, issues are identified they shall be recorded on a maintenance defect log. Any corrective action planned or taken shall be recorded. When the defect has been rectified it shall be 'signed off'.