

Procedure: JSY34  
 Title: Wash System Operation and Cleaning



GraniteProducts 

1 **Purpose:** To ensure that the site wash system is controlled to minimise safety, health and environmental risks.

2	Procedure	Responsible Person	Record
	<b>Wash System Design</b>		
2.1	A suitably designed wash system is installed to capture all cementitious and silt contaminated water from the plant and truck mixer operations. Where possible, this is extended to capture as much rainwater and other drainage water as possible to minimise the requirement for mains water.	Site Manager	Risk Assessment
2.2	All washout bays and waste bays are properly constructed, are of an adequate size and free from leaks. Any pipes used to transfer recycled water in the wash out system are of a suitable design and free from leaks.	Site Manager	Risk Assessment
2.3	Perimeter guardrails and appropriate warning signs are fitted to any wash system where there is deep water. Grid covers are fitted over wash systems where stirrers have been installed.	Site Manager	Risk Assessment
2.4	Safe access to the wash system is provided for drivers and employees, including adequate lighting.	Site Manager	Risk Assessment
	<b>Wash System Operation</b>		
2.5	All employees and mixer drivers who use the designated wash area are trained in the operation of the various pumps and control valves/mechanisms at the site. Reference is made to the relevant task based risk assessments for PPE requirements and other control measures.	All Employees /Mixer Truck Drivers	Risk Assessment /Permit to Work/ Training Records
2.6	Where recycled water is available, it is used in all concrete mixes and truck mixer wash out systems. Exceptions include: <ul style="list-style-type: none"> <li>• Specific concrete mixes as determined by the Technical Dept.</li> <li>• If recycled water is considered to be contaminated or the equipment/system has failed. This is reported to the Technical Dept. and Production Manager as soon as possible.</li> </ul>	Site Staff/ Manager/ Mixer Truck Driver/Tech Dept.	Tech Dept. instructions
2.7	The truck mixer drum is charged whenever possible using recycled water. When discharging, care is taken to ensure all water is captured in the wash system.	Site Staff/ Sub- contractor	
2.8	The wash system is periodically cleaned to allow maintenance activities.	Site Staff/ Sub- Contractor	

**Procedure:** JSY34  
**Title:** Wash System Operation and Cleaning



2	Procedure	Responsible Person	Record
	<b>Wash System Design</b>		
2.9	The cleaning of the wash system storage tanks requires a separate Permit to Work especially if entry is required. Refer to GN7 Confined Space Working. Waste from the wash tank is stored in a suitable drying out bay prior to disposal.	Site Staff/Mixer Truck Drivers	

**Reference Documents**

1. GN7 Confined Space Working
2. JSY20 Operation of Concrete Pump