

Title:	Submersible and Puddle Pump Servicing
Priority	Amber – Audit Rating: Non-Conformance-Minor
Legislation:	PUWER, HASWA S.6, CoSHH
Brief Description:	During SafeHire audits a range of issues have been identified regarding contamination / lack of cleaning / damage to impellers of sub, puddle and other impellor type pumps. Removal of base of pump unit (typically two to three fasteners) / visual examination of pump body is not being consistently completed during service.
Kit Affected:	Sub-Pumps, Puddle Pumps and other impellor type pumps

Images:

Sub pump contamination – sewage waste, what appears to be some form of resin and ‘normal’ debris



Sub-Pump – debris and a destroyed impellor 50mm pump, sewage waste contaminating pump



Note: 50mm pumps and similar products can be inspected for contamination using an inspection torch or similar through inlet, outlet and drain without need for removal of casings.

Recommended Actions:	Review service procedure / risk assessment to ensure pumps are flushed, cleaned, tested (flow and electrical) ensuring contamination is removed. Include consideration of potential for exposure of workers to harmful substances from previous use i.e. sewage and use of disinfectant or similar may be included in your Safe System of Work
Notes:	Consideration of applying a suitable lubricant or preservative to protect components during storage / inbetween hires may also be worthwhile
Circulation:	workshops, mobile service and management team

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