

ANSI Pump Overhaul Decision Matrix

Casing inspection and disposition

Asset tag / work order: _____ Model / size / frame: _____

Component ID / material: _____ Inspector / date: _____

Drawing / revision: _____ IOM / inspection plan reference: _____

Enter the approved criteria for this equipment. No default wall thickness, runout, balance grade or repair limit is supplied.

Component / feature	Inspection finding Units, datum, method	Approved criterion Source + revision	Decision See key below	Evidence Photo / report ID
Casing / Pressure boundary				
Casing / Mating surfaces				
Casing / Nozzles and attachments				

Decision key: Reuse / Repair / Replace / Hold. Repair requires final verification before release.

Action / repair plan reference: _____

Responsible person / disposition approval / date: _____

Final verification report / release approval / date: _____

ANSI Pump Overhaul Decision Matrix

Impeller inspection and disposition

Asset tag / work order: _____ Model / size / frame: _____

Component ID / material: _____ Inspector / date: _____

Drawing / revision: _____ IOM / inspection plan reference: _____

Enter the approved criteria for this equipment. No default wall thickness, runout, balance grade or repair limit is supplied.

Component / feature	Inspection finding Units, datum, method	Approved criterion Source + revision	Decision See key below	Evidence Photo / report ID
Impeller / Vanes and hydraulic surfaces				
Impeller / Attachment and fit				
Impeller / Geometry and balance				

Decision key: Reuse / Repair / Replace / Hold. Repair requires final verification before release.

Action / repair plan reference: _____

Responsible person / disposition approval / date: _____

Final verification report / release approval / date: _____

ANSI Pump Overhaul Decision Matrix

Shaft inspection and disposition

Asset tag / work order: _____ Model / size / frame: _____

Component ID / material: _____ Inspector / date: _____

Drawing / revision: _____ IOM / inspection plan reference: _____

Enter the approved criteria for this equipment. No default wall thickness, runout, balance grade or repair limit is supplied.

Component / feature	Inspection finding Units, datum, method	Approved criterion Source + revision	Decision See key below	Evidence Photo / report ID
Shaft / Runout				
Shaft / Bearing and coupling fits				
Shaft / Keyways, threads and seal interfaces				

Decision key: Reuse / Repair / Replace / Hold. Repair requires final verification before release.

Action / repair plan reference: _____

Responsible person / disposition approval / date: _____

Final verification report / release approval / date: _____