



Divert valve seal change, annual shutdown

CLIENT	SITE	PO / CONTRACT	SERVICE TYPE
Sample Brewery Pty Ltd	Packaging Hall	PO 4501234	Shutdown
TECHNICIANS	ASSETS	VARIATIONS	RESULT
OMS Technician 1, OMS Technician 2	12	V1	4 items need attention

Work completed

All valves serviced and function tested with the site electrician before hand-back. One cracked valve housing replaced under an approved variation. Two items recommended for the next shutdown.

Pre-start checks completed: Site induction current; SWMS / JSA signed on; Permit to work issued; Isolations applied and verified; Tools and parts checked.

Asset register

9 serviced ok · 2 repaired · 1 replace

Tag	Area	Description	Outcome	Notes
DV-101	Filler 1 feed	Divert valve DN65	Serviced OK	Seals changed (EPDM), function tested, tagged.
DV-102	Filler 1 feed	Divert valve DN65	Serviced OK	Seals changed (EPDM), function tested, tagged.
DV-103	Filler 1 feed	Divert valve DN65	Serviced OK	Seals changed (EPDM), function tested, tagged.
DV-104	Bright beer tank outlets	Divert valve DN80	Repaired	Seal kit fitted. Control top leaking air at the base, see finding.
DV-105	Bright beer tank outlets	Divert valve DN80	Serviced OK	Seals changed (EPDM), function tested, tagged.
DV-106	Bright beer tank outlets	Divert valve DN80	Repaired	Housing cracked at the lower port weld. Housing replaced under variation V1.
DV-107	CIP return	Divert valve DN65	Serviced OK	Seals changed (EPDM), function tested, tagged.
DV-108	CIP return	Divert valve DN65	Serviced OK	Seals changed (EPDM), function tested, tagged.
SV-301	CIP return	Seat valve DN50	Serviced OK	Seals changed (EPDM), function tested, tagged.
SV-302	CIP return	Seat valve DN50	Serviced OK	Serviced. Position feedback intermittent, see finding.
BV-201	Water and utilities	Butterfly valve DN100	Serviced OK	Seals changed (EPDM), function tested, tagged.
BV-202	Water and utilities	Butterfly valve DN100	Replace	Disc worn at the seat face. Seals changed; valve body to be replaced next shutdown.

Repairs carried out under variation

V1 · DV-106 Divert valve DN80 · Urgent

Approved by Site maintenance planner (phone), 20 Oct, 10:40 am

AS FOUND



Hairline crack in the valve housing at the lower port weld. Product weeping under line pressure. The valve cannot go back into service as is.

AS REPAIRED



Cracked housing cut out and a new housing welded in. Welds pressure tested and passivated. Valve rebuilt with new seals, function tested with the site and tagged.

Recommendations (not yet actioned)



NEXT SERVICE DV-104 Divert valve DN80

Control top leaking air at the base seal. Valve still switching correctly.

Recommend: Replace the control top at the next shutdown. Part number confirmed and lead time checked.



NEXT SERVICE BV-202 Butterfly valve DN100

Butterfly disc worn at the seat face. New seals fitted, but sealing will not last a full year.

Recommend: Replace the valve body and disc at the next shutdown. Quote to follow.

MONITOR SV-302 Seat valve DN50

Position feedback intermittent during function testing. Settled after the sensor was re-seated.

Recommend: Site electrician to monitor. Replace the sensor if it faults again.