

## MILOP Design and Consulting Pty Ltd

Mechanical and steel structure engineering, design & consulting. Concrete pumping equipment, tower cranes, inspection and certification. Professional engineer  
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**STG Pumps Pty Ltd**  
Po Box 134  
MOOREBANK, NSW, 1875

Attn: Joe



**RE: Concrete Boom Pump, Fortunia, 40/37m – Unit STG4842.  
PERIODIC INSPECTION, Report no 2767/23, 01<sup>st</sup> May 2023.**

A visual inspection of the concrete boom pump Fortunia has been carried out on 01<sup>st</sup> May 2023 as a regular periodic inspection of the plant.

The inspection report presents an assessment of the structural conditions of the concrete boom pump at the time of the inspection.

The concrete boom pump was inspected in assembly conditions. The boom and outriggers were opened and the boom arms unfolded. Each structural component has been visually inspected, checking general appearance, distortion, cracks, pin retainers, hydraulic pipes, hoses and connection, pins and bushings clearance.

The concrete booms pump specifications:

Boom/ pump manufacturer: Fortunia (Italy) Srl / Powercrete

Boom and pump size:	40/37/4/125 TB 150
Boom model:	FOR 37/40
Boom pump serial number:	99.7.68
Year of manufacture:	2007; Refurbished 2010
Operating hours	6256 hr
Plant registration no	CP 6_126273/10/0
Truck Volvo FHMR Z, 2004	XN89 PJ

The concrete boom pump has received a periodic inspection in accordance with the criteria in AS 2550.15:2019, Clause 6.4.

Details of the periodic inspection are enclosed.

**Following AS 2550.15:2019, the next inspection is recommended after 250 operating hours or before the 01<sup>st</sup> of May 2024.**

01<sup>st</sup> May 2023

Inspected by:  
Michael Podinic, BScME, MIEAust\*

\*) Michael Podinic, professional engineer, member of Engineers Australia, no 1047610, more than 30 years experience in development, design, analysis, certification and verification of construction machinery, concrete pumping equipment and other mechanical machinery, www.milop.com.au