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Mr Tony Clapin
National Product Support Manager
AWD Equipment Sales P/L
25 Garner Place
Ingleburn NSW 2565

Dear Tony,

**Re : DIECI APOLLO 25.6 TELEHANDLER WITH AUXILIARY COUNTERWEIGHT
& 600mm LOAD CENTRE FORKS.
DESIGN VERIFICATION TO AS1418.19-2007**

SCOPE

The attached design verification report assesses both stability and structural aspects of the design of the subject machine for the purposes of its design registration as a Telehandler with 600mm load centre fork attachment.

METHOD

- Stability on wheels has been assessed for conformity with the requirements of **AS1418.19-2007 (Appendix B & Appendix D, tests T1, T2, T3 & T5)**, by calculations based on Load Charts **AXB1377** (standard carriage) & **AXB1377SS** (side-shift carriage).
- Strength of both booms has been assessed for conformity with **AS1418.19-2007 & AS3990-1993** by calculations based on loading to Load Charts **AXB1377 & AXB1377SS**.
- All calculations, both stability & structural, used input data supplied by the manufacturer, Dieci.

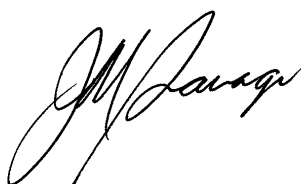
RESULTS

- Stability calculations show that all critical points assessed on the load charts comply fully with the relevant requirements of **AS1418.19-2007**.
- Boom stress calculations indicate that the structural competence of these elements complies fully with **AS1418.19-2007 & AS3990-1993** for all 11 critical points assessed.

CONCLUSIONS

The assessment shows that the Dieci Apollo 25.6 telehandler with auxiliary counterweight & 600mm load center fork attachment, while designed to European Standards, provides a level of safety at least equivalent to that required by **AS1418.19-2007 & AS3990-1993** when loaded in accordance with Load Charts **AXB1377 & AXB1377SS**.

Yours faithfully,



John Savage BE, MIEAust, CPEng (Independent Design Verifier)