

# ENGINEERING BULLETIN

Ref Document No.	EB19001	Issue No.	1
Subject	Anderson 120G Grader Recommended Maintenance		
Release Date	05/07/2019		

**Purpose** – Advise Anderson 120G grader owners and operators of an update to PPK's recommended maintenance procedures and service sheets.

**Applicability** – All in service Anderson 120G explosion-protected graders.

**Background**

PPK has conducted a review of the 120G grader component lifecycle management information. Based on the review, PPK have established updated recommended maintenance procedures and documentation.

Updated recommendations include, but are not limited to:

- Weekly test of ability of service brake air circuits to hold pressure.
- Monthly inspection of park brake actuator (rotochamber and pin-linkage).
- 3-Monthly inspection of brake air receiver check valves.
- 3-Monthly inspection of air compressor outlet.
- 3-Monthly inspection of blade stop.
- Development of standalone recommended brake circuit drawing.
- Update to recommended brake test form to include transmission brake pull-test.
- Replacement of key braking system components at Code D overhauls.

**Recommendations**

Owners/operators are advised to review the following updated documentation against site-specific test procedures, maintenance regimes and plant schematics:

- Updated service sheets as per attached **Code [x] – Anderson 120G version 2-0719**.
- Recommended Braking System Drawing **PPKDWG-956 Rev 0**
- Updated MDG-39 Brake Test Form **MDG39 BT – Anderson 120G version 2-0619**

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