

D.C. Motor Maintenance Inspection Form

Job#: 95247

Date: 14 February 2019

Customer : Kimberly Clark Maumelle

Machine: Extruder 1

Manufacturer: Reliance

Hp/kw: 200 ☒ Hp ☐ Kw

RPM: 1750/1950

Frame: LC3612ATZ

Model #:

Serial #: 02KA437303-NT



Internal visual appearance :

Dusty

Internal photo



Internal photo



Brushes :

50%

No. Of Brushes:

8

Brush Holders:

Good

Brush Springs:

Good

Brush holder



Brush photo



Commutator : Good Smooth Film

Stoned Com: ☐ Yes ☒ No

Comments : All tests show good. Brushes are worn 50% in 6 months

Commutator



Commutator



Motor Evaluation :

Extruder 1

Fields 85.7 ohms

2000 mega ohms @ 1000 volts

Interpoles and armature together from drive

124 mega ohms

Armature by itself is 524 mega ohms

Motor test results are good.

Brushes are worn 50% in the past six months

Technician :

Trevor Hall


