

DIRECTORATE GENERAL BORDER ROADS
GENERAL MAINTENANCE INSTRUCTION NO.110

ON

OPERATION OF ROTARY SNOW PLOUGH ROLBA R-1200 'MONOFORCE'

Introduction

1. Rolba Company Limited trial team has made observations that during snow clearance operation with Rolba R –1200 'MONOFORCE', the operators are normally keeping the engine RPM to the maximum, which is not correct. Engine RPM should be kept between 1200-2250 RPM during snow clearance.

Aim

2. The aim of this instruction is to train operators and to achieve an excellent performance.

Action by

3. User Unit: To ensure that the operators should not accelerate engine more than 2250 RPM during snow clearance operations.

Details

4. (a) Trial team has made observations that the operators are normally inclined to keep the engine RPM to the maximum which is 2650. The experience gained so far has proved that to achieve excellent and satisfactory performance of the Rolba-R-1200 'MONOFORCE' the engine RPM during snow clearance should be kept between 1800-2250.

(b) Operators should be instructed that under no circumstances RPM of engine to be raised beyond 2250.

(c) Better operational techniques can only be achieved by our operators by many hours of operation. The most important operation technique is that the operators must be familiar with different types of snows and local conditions and match the RPM of the cutter blade and impeller accordingly.
