

# **SPECIFICATIONS FOR GRINDERS**

## **CONTENTS**

0. Foreword
1. Scope
2. Service conditions

## **GRINDERS**

### **0 FOREWORD**

- 0.1 This standard specification has been prepared by Peter Wantonyi. It lays down specification for grinders
- 0.2 This specification is intended for guidance of manufacturers and contractors and shall form the basis of procurement and installation of grinders for applications stated herein. It does not include provision of contract.

### **1. SCOPE**

- 1.1 This specification is for the design and manufacture of grinders

### **2. SERVICE CONDITIONS**

#### **2.1 Operating conditions**

- 2.1.1 The angle grinder shall have a slim body design
- 2.1.2 The angle grinder shall have a Durable Aluminium alloy gear housing
- 2.1.3 The angle grinder shall be rated for voltages – 240/110 V
- 2.1.4 The angle grinder shall be rated for frequency – 50 Hz
- 2.1.5 The angle grinder shall have carbon brushes
- 2.1.6 The angle grinder shall be of Disc (wheel) Type – Grinding disc
- 2.1.7 The angle grinder shall have a disc diameter – 100 mm
- 2.1.8 The angle grinder shall be capable of operating with a Diamond Saw – 100 mm
- 2.1.9 The Weight of the angle grinder shall be 1.5 Kg or less
- 2.1.10 The grinder shall be supplied with a spare grinding disc and diamond saw
- 2.1.11 Sample shall be requested at tender evaluation stage.

**Appendix A: SPECIFICATIONS FOR GRINDERS**

CLAUSE	KPLC EQUIREMENT	MANUFACTURER'S COMPLIANCE/REMARKS	REFERENCE PAGE IN THE SUBMITTED DOCUMENTS
2.1.1	slim body design		
2.1.2	Durable Aluminium alloy gear housing		
2.1.3	rated for voltages – 240/110 V		
2.1.4	frequency – 50 Hz		
2.1.5	carbon brushes		
2.1.6	Disc (wheel) Type – Grinding disc		
2.1.7	disc diameter – 100 mm		
2.1.8	Diamond Saw – 100 mm		
2.1.9	The angle grinder shall be 1.5 Kg or less		
2.1.10	Spare grinding disc and diamond saw		
2.1.11	Sample		

**NOTES:**

- The grinders should be supplied complete as specified above

I .....on behalf .....

Declare that the above specifications matrix conforms to a typical tender meter, type.....

Being offered for this tender.

Signature.....

Date.....Stamp/Seal.....