



# INSTRUCTIONS FOR NO. 1285 AIR GRINDERS

Form Z260  
Date 1-02/A  
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## GENERAL INSTRUCTIONS

Before placing the tool in operation, the foreman and operator are cautioned to study and FOLLOW all instruction with special emphasis on safety (refer to "Important Safety Requirements"). The foreman and safety director must be acquainted with and follow the requirements of the applicable Section of the A.S.A. Safety Code B7.1 latest edition.

## AIR SUPPLY

Grinders are designed to operate on clean moisture free air at a pressure of 90 p.s.i. at the tool with filter, pressure regulator and lubricator in the air line. Air hose should not be less than 3/8". Quick couplers should be 3/8" size (3/8" to 1/4" thread bushings required). Before connecting tool, blow air line to remove water and dirt. This is especially important for a new line or one which has not been used for a time.

## LUBRICATION

The air motor is lubricated with an air line lubricant designed to prevent rust and supply adequate lubrication. Our Cat. No. 288 is excellent. Adjust line lubricator to 1-2 drops per minute. The gear case is filled with 1 1/8 oz. of Cat. 1232 grease. After 40 hrs. of use inject 2 to 3 shots of Cat. 1232 grease through grease fittings. See "maintenance" for additional information.

## OPERATION

Grind steadily without excessive slowing down of the grinder to prevent wheel damage which could result in wheel breakage. Grind at as uniform load speed as possible to prevent excess wear, especially on governor parts. A dropped or severely bumped wheel must be correctly examined before reusing. Do not drop the end of the hose on a floor where it will pick up dirt and transport it into the tool, causing excessive wear and governor sticking. Provide a stand for holding the grinder when not in use. Fasten wheels and pads securely. Depressed center wheels of 7" & 9" diameter and cup wheels are to be mounted with 120 in.-lb. (10 ft.-lb.) of torque min. to prevent wheel spin-off.

## OVERSPEEDING

If overspeeding occurs, the grinder **MUST BE REPAIRED** and **WORN PARTS REPLACED**. (GRINDERS MUST BE CHECKED DAILY WITH A TACHOMETER.)

## SAFETY

See "General Instructions" and "Important Safety Requirements."

## MAINTENANCE

Grinders must be serviced at definite intervals for safe operation and lowest operating cost. Dismantle after 100 hours of use. If little wear is shown, the time may be extended. Mechanics must be qualified, work in clean areas, recognize worn parts and the need of moving parts to be lubricated. Pack a liberal amount of Sioux No. 1232 grease around governor and ball. The use of Sioux Authorized Service Centers is recommended.

### WARNING



Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm.

### ADVERTENCIA



El polvo generado al lijar, aserrar, afilar, taladrar y realizar otras tareas de construcción contiene sustancias químicas que podrían causar cáncer, malformaciones congénitas y otras alteraciones del aparato reproductor.

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