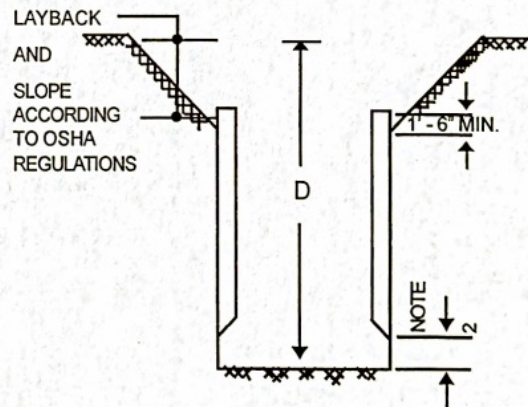**EFFICIENCY** PRODUCTION, INC

| MODEL | **814 MHXLS** | SERIAL NUMBER | **118718** *Lot# 370* |

REFERENCE TO OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION RULES AND REGULATIONS, VOL. 54, NO 209, PART 1926, SUBPART P

SHIELD SIZE		PSF RATING	MAXIMUM ALLOWABLE DEPTH OF CUT (FEET) D		
			SOIL TYPE TO BE EXCAVATED		
HEIGHT (FEET)	LENGTH (FEET)	MAXIMUM LATERAL EARTH PRESSURE CAPACITY AT TRENCH BOTTOM IN POUNDS PER SQUARE FOOT	**TYPE A** Stiff, cohesive soil. 25 PSF per foot of depth	**TYPE B** Medium cohesive to granular soil. 45 PSF per foot of depth.	**TYPE C** Soft cohesive to submerged soil. 60 PSF per foot of depth
8	14	660	26	15	11
			DESCRIPTION Clay, silty clay, sandy clay, clay loam, unconfined compressive strength of 1.5 tons per square foot or greater. (see note 8 on reverse side)	**DESCRIPTION** Clay with unconfined compressive strength greater than .5 TSF but less than 1.5 TSF, cohesionless gravel, silt, silt loam or sandy loam. (see note 9 on reverse side)	**DESCRIPTIC** Clay with unconfin compressive stren less than .5 TSF submerged sand, fractured rock that stable. (see note 1 reverse side)

LIMITATIONS IN USE OF TABLE

1. TRENCH SHIELD TO BE ASSEMBLED AND INSTALLED AS SHOWN AND IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

2. EXCAVATION 2 FEET BELOW BOTTOM OF SHIELD IS PERMITTED WHEN NO LOSS OF SOIL FROM BEHIND OR BELOW THE BOTTOM OF SHIELD IS ENCOUNTERED.

3. CONSULT MANUFACTURER WHEN RESTRICTION ON NOTE 2 IS NOT MET.

4. ADDITIONAL SHIELDS MAY BE STACKED WITH NO PENALTY IN DEPTH OF CUT.

5. DEPTHS OF CUTS SHOWN ARE BASED ON EXAMPLES OF VARIOUS SOIL CONDITIONS. VERIFY ACTUAL SOIL PRESSURES PRIOR TO EACH USE.

6. ANY MODIFICATIONS OR ALTERATIONS NOT ALLOWED UNLESS APPROVED IN WRITING BY EFFICIENCY PRODUCTION, INC.

7. DEPTH CERTIFICATION IS BASED ON SHORT TERM EXPOSURE WITH EXCAVATION OPEN A PERIOD NOT EXCEEDING 24 HOURS.

CONTINUED ON REVERSE SIDE

LAYBACK AND SLOPE ACCORDING TO OSHA REGULATIONS — D — 1'-6" MIN. — NOTE 2

CERTIFIED BY:
EFFICIENCY PRODUCTION, INC.
APRIL 1, 1999

MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENT NUMBERS; 4,090,365-4,114,383-4,259,028
ONE OR MORE OF THE FOLLOWING CANADIAN PATENT NUMBERS: 1,062,683-1,062,684

USE THIS PRODUCT ONLY IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, OR LOCAL LAWS

(Seal: STATE OF MICHIGAN — NATHAN G. BONE — ENGINEER No. 38954 — LICENSED PROFESSIONAL ENGINEER)

Any use of this product not specifically described on this certificate could cause cave-in, collapse, or structural failure resulting in death or serious injury.