685 HULL ROAD, MASON, MI 48854 PHONE (517) 676-8800 MBR 9-20-04 Trench Shield #46

EFFICIENCY TRENCH SHIELDS

MODÊT

HT8F-424

SERIAL NUMBER

128063

REFERENCE TO OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION RULES AND REGULATIONS, 29 CFR, NO 209, PART 1926, SUBPART P

REGULATIONS, 29 CFR, NO 209, PART 1920, SUBFART 1					
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.	The second secon	TYPE C SOFT COHESIVE TO SUBMERGED SOIL. 60 PSF PER FOOT OF DEPTH.
4	2 4	1260	5 0	2 8	2 1
		4	DESCRIPTION	DESCRIPTION	DESCRIPTION

LIMITATIONS IN USE OF TABLE

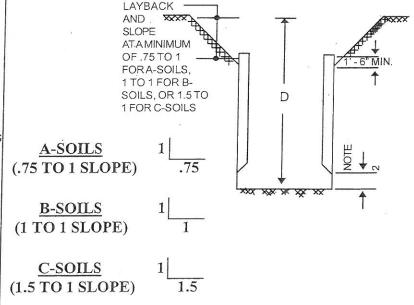
- TRENCH SHIELD TO BE ASSEMBLED AND INSTALLED AS SHOWN AND INACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- 2. EXCAVATION 2 FEET BELOW BOTTOM OF SHIELD IS PERMITTED WHEN NO LOSS OF SOIL FROM BEHIND OR BELOW THE BOTTOM OF SHIELD IS ENCOUNTERED. SEE PARAGRAPH 1926.652 (e)(2)(i). THE COMPETENT PERSON SHALL MAKE THE DETERMINATION FOR COMPLIANCE. SUDDEN SHIFTING OF THE SHIELD VERTICALLY SHALL BE AVOIDED.
- 3. CONSULT MANUFACTURER WHEN RESTRICTION ON NOTE 2 IS NOT MET.
- 4. ADDITIONAL SHIELDS MAY BE STACKED WITH NO PENALTY IN DEPTH OF CUT AS LONG AS THE RATING OF THE BOTTOM SHIELD IS NOT EXCEEDED.
- 5. DEPTHS OF CUTS SHOWN ARE BASED ON EXAMPLES OF VARIOUS SOIL CONDITIONS. VERIFYACTUAL SOIL PRESSURES PRIOR TO EACH USE.
- 6. ANY MODIFICATIONS OR ALTERATIONS NOT ALLOWED UNLESS APPROVED IN WRITING BY EFFICIENCY PRODUCTION, INC.
- 7. CONTRACTOR'S COMPETENT/QUALIFIED PERSON SHALL BE RESPONSIBLE FOR MONITORING SOIL CONDITIONS.

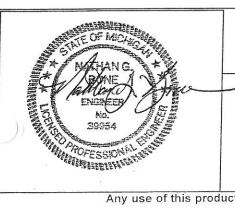
 CONTINUED ON REVERSE SIDE

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)

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)

Clay with unconfined compressive strength less than .5 TSF submerged sand, clay or fractured rock that is not stable. (see note 10 on reverse side)





CERTIFIED BY:

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ONE OR MORE OF THE FOLLOWING CANADIAN PATENT NUMBERS: 1,062,683-1,062,684

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