
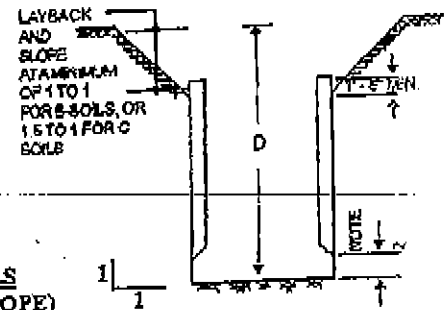



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DKC 40-22

		555 HULL ROAD, MASON, OH 45044 PHONE (517) 676-6000		EFFICIENCY TRENCH SHIELDS	
MODEL <b>XLD-1016</b>		SERIAL NUMBER <b>132694</b>			
REFERENCE TO OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION RULES AND REGULATIONS, 29 CFR, NO 209, PART 1926, SUBPART P					
<b>SHIELD SIZE</b>		<b>PSF RATING</b>	<b>MAXIMUM ALLOWABLE DEPTH OF CUT (FEET)</b> D		
			<b>SOIL TYPE TO BE EXCAVATED</b>		
<b>HEIGHT (FEET)</b>	<b>LENGTH (FEET)</b>	<b>MAXIMUM LATERAL EARTH PRESSURE CAPACITY AT TRENCH BOTTOM IN POUNDS PER SQUARE FOOT</b>	<b>TYPE B</b> MEDIUM COHESIVE TO GRANULAR SOIL 45 PSF PER FOOT OF DEPTH.	<b>TYPE C-60</b> SOFT COHESIVE TO SUBMERGED SOIL 60 PSF PER FOOT OF DEPTH.	<b>TYPE C-80</b> SOFT COHESIVE TO SUBMERGED SOIL 80 PSF PER FOOT OF DEPTH.
10	16	1320	29	22	17
<b>LIMITATIONS IN USE OF TABLE</b>			<b>DESCRIPTION</b> Clay, with Unconfined Compressive Strength Greater than .5 TSF But Less than 1.5 TSF Cohesive Gravel, Silt, OR Loam or Sandy Loam.	<b>DESCRIPTION</b> Soft Cohesive Soil Unconfined Compressive Strength Less than .5 TSF Gravel, Sand and Leamy Sand; Submerged Soil or fractured Rock that is not Stable.	<b>DESCRIPTION</b> Soft Cohesive Soil Unconfined Compressive Strength Less than .5 TSF Gravel, Sand and Leamy Sand; Submerged Soil or fractured Rock that is not Stable.
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. SEE PARAGRAPH 1926.652 (G)(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 CUTS 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. VERIFY ACTUAL 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			<b>B-SOILS</b> (1 TO 1 SLOPE)		
CONTINUED ON REVERSE SIDE			<b>C-SOILS</b> (1.5 TO 1 SLOPE)		
		<b>CERTIFIED BY:</b> EFFICIENCY PRODUCTION, INC. AUG. 30, 2006		<b>COPYRIGHT:</b> 1991 EFFICIENCY PRODUCTION, INC. ALL RIGHTS RESERVED	
		MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENT NUMBERS: 4,990,395-4, 1,114,383-4, 2,599,028 ONE OR MORE OF THE FOLLOWING CANADIAN PATENT NUMBERS: 1,062,083-1,002,834 USE THIS PRODUCT ONLY IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, OR LOCAL LAWS			

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.