

April 8, 2004

DOS CERTIFIED ANTI-RAM VEHICLE BARRIERS

(THE FOLLOWING BARRIERS MEET THE CERTIFICATION CRITERIA OF
SD-STD-02.01, REVISION A, DATED MARCH 2003)

Manufacturer/ Designer/Distributor	Barrier Model	Pass Rating*
Ameristar Fence Products 1555 N. Mingo Road Tulsa, OK 74116 (866) 467-2773 Tel (877) 926-3747 Fax	Impasse Perimeter Security Fence (fence w/1" cable w/bollard anchorage)	K8
ARMR Services Corp. 8301 Arlington Blvd. Suite 206 Fairfax, VA 22031 (703) 876-9844 Tel (703) 876-0427 Fax	Model 400 (sliding gate) Model 450 (sliding gate) Model 730 (hydraulic drop bar) Model 820 (hydraulic shallow mount plate)	K4 K12 K4 K12
Creative Building Products 6409 Highview Drive Fort Wayne, IN 46818-1385 (260) 432-7158 Tel (260) 459-0929 Fax	Model 32503 (manual security gate)	K12 ^[1]
Performance Development Corp. c/o Crisp & Associates 109 Jefferson Ave. Oak Ridge, TN 37830 (865) 576-9004 Tel	VSB-F10 (hydraulic wedge)	K12
Delta Scientific Corp. 24901 West Ave. Stanford Valencia, CA 91355 (661) 257-1800 Tel (661) 257-0617 Fax	TT207S (hydraulic wedge) TT207S/FM (surface-mounted hydraulic wedge) TT280 (sliding gate) DSC501 (surface-mounted hydraulic wedge w/o buttresses) DSC701 (retractable bollards) DSC720 (retractable bollards) DSC800 (retractable bollards) DSC701FP (fixed bollards) DSC720FP (fixed bollards) DSC800FP (fixed bollards)	K12 K12 K12 K12 K8 K12 K4 K8 ^[2] K12 ^[2] K4 ^[2]

<p>Department of State Bureau of Diplomatic Security Physical Security Division SA-14 10th Floor Washington, DC 20522-1403</p>	<p>DS-1 (concrete-filled steel bollards with connecting channel) DS-6 (anti-ram knee wall) DS-7 (anti-ram foundation wall) DS-9 (reinforced concrete planter) DS-10 (pedestrian passage concrete-filled steel bollards in groups of three) DS-22 (concrete-filled steel bollards without channel) DS-30 (10" thick reinforced concrete wall) DS-40 (anti-ram/anti-climb fence)</p>	<p>K12^[3] K12^[3] K4^[3] K12^[3] K12^[3] K12^[3] K12^[3] K12^[3]</p>
<p>Intertex Barriers, Inc. 25103 Rye Canyon Loop Valencia, CA 91355 (661) 295-0339 Tel (661) 295-3235 Fax</p>	<p>Stinger (shallow mount) Magnum (hydraulic wedge) Mini-Magnum (narrow blade) De-fender (retractable bollards) Patriot (hydraulic rising beam)</p>	<p>K12 K12 K8 K4 K12</p>
<p>Nasatka Barrier, Inc. 7702-B Old Alexandria Ferry Road Clinton, MD 20735 (301) 868-0301 Tel (301) 868-0524 Fax</p>	<p>NMSB II (surface-mounted hydraulic wedge) NMSB IIIb (surface-mounted hydraulic wedge) NMSB IIIId (surface-mounted hydraulic wedge w/o buttresses) NMSB IV (hydraulic wedge) NMSB V (hydraulic wedge) NMSB XII (hydraulic drop bar) NMSB NBI (retractable bollards)</p>	<p>K12 K12 K12 K12 K12 K12 K12</p>
<p>National Intelligent Traffic Systems 5131 Post Road, Suite 300 Dublin, OH 43017 (614) 526-3231 Tel (614) 526-3227 Fax</p>	<p>NITS Model 400 (retractable bollards)</p>	<p>K12</p>
<p>Norshield Security Products 3224 Mobile Highway Montgomery, AL 36108 (334) 286-4348 Tel (334) 286-4399 Fax</p>	<p>WBHS916 (shallow mount hydraulic wedge) SGHS1209 (sliding gate) CBHS1230 (hydraulic drop bar)</p>	<p>K12 K4 K4</p>
<p>Perimeter Defense Technologies, LP P.O. Box 473 Midland, TX 79701 (432) 561-8006 Tel (432) 561-8031 Fax</p>	<p>DRT K-12 (set of six retractable bollards)</p>	<p>K12</p>
<p>Sampson Security Group 25241 Del Rio Laguna Niguel, CA 92677</p>	<p>Bavak-Heald Roadblocker (wedge barrier)</p>	<p>K8</p>
<p>Sälzer Building Security Dietrich Bonhoeffer Str 1-3 D 35037 Marburg, Germany 49 (0) 6421 / 938 100 Tel 49 (0) 6421 / 938 190 Fax</p>	<p>Model 730 (hydraulic drop bar)</p>	<p>K4</p>

Tymetal Corp. 2566 State Route 40 Greenwich, NY 12834 (800) 328-4283 Tel (518) 692-9404 Fax	FIGS (sliding gate)	K4
Universal Safety Response, Inc. 350 Fifth Ave. Suite 315 New York, NY 10118 (914) 224-5279 Tel (770) 917-9205 Fax	GRAB K8 Single Lane (road closure system) GRAB K8 36-ft Lane (road closure system) GRAB K12 36-ft Lane (road closure system)	K8 K8 K12

* Rating determined from perpendicular barrier impact of 15,000lb. (6810kg) vehicle.

Pass = Maximum penetration of cargo bed is 1 meter.

K = Maximum barrier impact speed rating.

K12 = 50 mph (80 kph)

K8 = 40 mph (65 kph)

K4 = 30 mph (48 kph)

Notes:

[1] Certified as a manual barrier only.

[2] Certified as a fixed barrier only.

[3] Passive barrier

Special Note:

Certification of the above barriers applies to crash performance only - not its operational suitability.
DS and OBO are not liable for improper installation of the equipment.