

ORNL Lesson Learned

Number:	B-2005-OR-X10UTB-1005
Title:	Crosby HR-125 Swivel Hoist Ring Recall
Distribution Date:	November 17, 2005
Origin Date:	November 15, 2005
Originator Badge No.:	Validator Badge No.: n/a
Originator Other.:	
Priority Description:	Blue / Information - Fact or Discovery of Benefit to Others
Lessons Learned Statement:	The Crosby Group, Inc. issued a recall after identifying a potential hazard relating to the use of Crosby HR-125 and HR-125M Swivel Hoist Rings.
Discussion:	The Crosby Group, Inc. has issued an Important Notice identifying a potentially serious hazard relating to the use of Crosby HR-125 and HR-125M Swivel Hoist Rings. (See additional information.) Hoist rings of this type may have been supplied as original lifting equipment with machinery items for specific machinery lifting applications as an alternate to conventional eye bolts. One end-user found cracks in the bail of a Crosby swivel hoist ring, and returned the ring to The Crosby Group. Although no incident occurred, the cracks could lead to ring failure, so The Crosby Group is recalling all swivel hoist rings made from that run of heated steel. Failure to heed this warning may result in property damage, severe injury, or death.
References:	The Crosby Group, Inc., Important Notice to All Users of Crosby HR-125 Swivel Hoist Rings (see additional information).
Analysis:	<p>The rings are identified with the Product Identification Code (PIC) Y5C marked on the bail or Z7C marked on the bolt (see additional information). The following hoist ring types are involved in this recall (other sizes of hoist rings are unaffected by the recall):</p> <ul style="list-style-type: none"> • UNC Types <ul style="list-style-type: none"> — 1.5 inch (24,000 lb) HR-125, Product Code 1016986 — 2.0 inch (30,000 lb) HR-125, Product Code 1016997 • Metric Types <ul style="list-style-type: none"> — M36 (11,000kg) HR-125M, Product Code 1016690

	<p>— M42 (12,500kg) HR-125M, Product Code 1016701</p> <p>— M48 (13,500kg) HR-125M, Product Code 1016712</p>
Resolution / Recommended Actions:	<p>Recommended Actions:</p> <ol style="list-style-type: none"> 1. Inspect all Crosby swivel hoist rings in stock, both in use and in inventory. 2. Identify all HR-125 and HR-125M Hoist Rings with the PIC codes listed above, and immediately remove from service. 3. Return all designated swivel hoist rings to the distributor to arrange for replacement. 4. If unsure of the distributor, contact Terry Johnson of the Tulsa Sales Office at 800-772-1500 to receive a “Return Goods Authorization,” and return designated swivel hoist rings directly to The Crosby Group, Inc.
ORNL Functional Category:	Maintenance / Safety Systems
DOE Functional Category:	Hoisting and Rigging
Hazard:	Personal Injury / Other
ISM Core Function:	Develop/implement Controls
Keywords:	Crosby, swivel hoist rings, recall, hoisting and rigging
Date Entered:	11-15-2005