



# Safety Alert

From the International Association of Drilling Contractors

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ALERT 99-34

## GARDNER DENVER SAFETY NOTICE

### PZ-10 (PZK) and PZ-11 (PZL) Discharge Manifolds

The purpose of this notice is to inform personnel who own or operate Gardner Denver mud pumps of a potential safety hazard involving the failure of discharge manifolds on certain mud pumps.

Gardner Denver has received four reports of discharge manifolds failing while in operation. The failures appear to be caused by a combination of overload and fatigue. The manifold failures resulted in sections of the manifolds being ejected at high velocity. There was one report of a minor injury.

**The reported manifold failures to date have not involved serious injury, death or property damage. However, the potential exists for serious injury, death and property damage.**

The mud pumps involved in this notice are Gardner Denver model PZ-10 (PZK) and PZ-11 (PZL) single-acting triplex mud pumps manufactured from 1971 through 1991. The manifolds may be identified by the 9-digit part number, which is cast in raised characters on the exterior of the manifold, above the center inlet port opening. The part number of the manifold is **200PZL071**.

Owners and operators of these mud pumps should record the model and serial number from the nameplate affixed to the frame of the pump. They should then contact Gardner Denver Customer Service at 1/800-682-9868 or visit the company's web site at <http://www.gardnerdenver.com> to determine if this notice covers the discharge manifold on the pump.

All 200PZL071 manifolds should be replaced. Owners and operators with Gardner Denver accounts may order the replacement manifolds directly from Gardner Denver. Owners and operators without accounts should contact their normal procurement source to order replacement manifolds. The replacement discharge manifold part number is 201PZL071. As an additional incentive, to encourage removal of the old manifolds from Service, Gardner Denver is offering a limited manifold rebate program.

**NOTE: Gardner Denver authorized IADC to use this alert and has added the number 300PZL6005 as this includes 3 – 25AL25 and 2 – 25V24 Gaskets involved in the replacement. Further information can be found on Gardner Denver's web site at [www.gardnerdenver.com/pumps/MANIFOLD/notice.html](http://www.gardnerdenver.com/pumps/MANIFOLD/notice.html).**

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**The Corrective Actions stated in this alert are one company's attempts to address the incident, and do not necessarily reflect the position of IADC or the IADC HSE Committee.**

This material is presented for information purposes only. Managers & Supervisors should evaluate this information to determine if it can be applied to their own situations and practices.  
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