Engineered Fastener Solutions

CHALLANGE

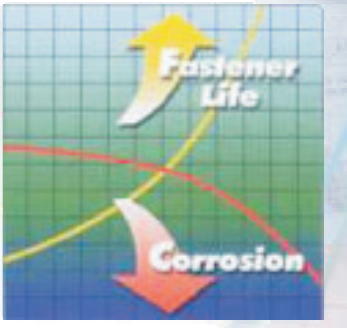
Well-known manufacturer of hydraulic controlled service and passenger elevators experiencing problems with 1 fasteners on a new back-up mech~call brake system. The two section. 360o~ i mechanical brake clamps on the It ; cylinder lift arm and activates should j there be a loss in hydraulic pressure.

SOLUTION

Unbrako engineers developed a special 1-1/4" diameter forged and machined shoulder bolt from highgrade alloy steel to secure the two sections of the brake.

BENEFITS

This patented brake system. Incorporating the new design shoulder bolt from Unbrako, performs to the stated criteria for endurance, safety and liability coverage. In addition to their own original equipment applications, the brake system is being offered for installation on all hydraulic elevators currently in service



Unbrako Engineered Fasteners specializes in developing custom fastening systems for one-of-a-kind, high volume applications. Services include engineering, manufacturing, - *accredited quality control and post-delivery* liability insurance supporting protection of the manufacturer.

Unbrako®

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