

July 1, 2005

PERFORMANCE BASED SAFETY

By: Get Befekadu
360 Controls

Safety

Current North American Elevator codes (ASME A17.1 / CSA B44) are prescriptive standards based on stated or prescribed specifications, methods, materials etc. Prescriptive codes have proven to be barriers to new technologies as they are unable to keep up with the rapid change of technology.

The development of a new Performance Based Safety Standard is currently under way by ASME A17/ CSA B44 Safety Committees.

What is Performance Based Safety?

Performance Based Safety is built upon a set of explicit performance requirements analyzed through systematic and proactive Risk Assessment process. These safety requirements can be met through use of innovative solutions and emerging technologies.

Advantages of Performance Based safety:

- **New Technology:** Allows use of New Technology without the need to wait for the standards to be revised to allow the use of the new technology.
- **Innovation:** Encourages designers to find creative ways to meet performance criteria.
- **Proactive:** Clearly stated goals and Risk Assessment process identifies and addresses hazards as opposed to prescriptive codes where goals and objectives are implied.

The new Generation **360 Compliant** elevator control system is designed with Performance Based Safety in perspective. This was made evident through elimination of relay logic. This is a unique advanced feature of our control system.

360 Controls continues to focus its efforts on contributing to current and future codes and standards, and lobbying for the adoption of the latest editions of ASME A17.1 and CSA B44.

For more information on Performance Based Safety visit www.360controls.com or contact Get Befekadu at (519) 621-6228.