

**Case 153. 53-year-old machine operator was killed when the SP-48 Ingersoll-Rand Series Vibratory Compactor he was operating overturned and landed on top of him.**

A 53-year-old male machine operator was killed when the SP-48 Ingersoll-Rand Series Vibratory Compactor he was operating overturned and landed on top of him. The decedent was one of three employees instructed to perform job site preparation for an outbuilding at a facility. Two employees were instructed by the decedent to deliver sand to the site. The decedent operated a bulldozer to spread the sand and vibratory compactor to compact the sand. The sand pad was elevated approximately three to four feet from the existing grade. The sand backfill pad was level and approximately 50 feet long and 50 feet wide. The compactor weighed 125,250 pounds and was not equipped with an optional rollover protective structure. The original seat had been removed and the compactor retrofitted with a seat with a seat belt. The compactor was configured with the roller in the front and tires in the rear. It appears that the compactor was backing along the edge of the elevated grade too close to the edge of the sand backfill and rolled down the slope onto its side. The angle of elevation near where the compactor overturned was approximately 30 degrees. The steering wheel/steering column landed on the decedent's chest. The decedent was found by a passerby who called 911. The decedent was declared dead at the scene.

MIOSHA Construction Safety and Health Division issued the following alleged Serious citation to the employer at the conclusion of the investigation:

**GENERAL RULES, PART 1, RULE 132(4).**

No instruction to employees working in a remote location or a single employee worksite to assure available treatment to employee. Employee engaged in site preparation type work operating a D-5 dozer and a 1986 SP-48 Ingersoll-Rand vibratory compactor on a sand grade.