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Occupational Safety and Health Administration

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Accident Report Detail

Accident Summary Nr: 827394 - Employee killed, two injured in tank explosion and fire

Accident Summary Nr: 827394 -- Report ID: 0751910 -- Event Date: 12/20/1989

Inspection Nr	Date Opened	SIC	NAICS	Establishment Name
104240445	12/22/1989	7692	0	C And T Welding And Repair

Abstract: Employee #1 was welding on a 100 gallon diesel fuel tank. He had purged the tank with a non-combustible gas, either argon or nitrogen, prior to welding. The employee tested the tank after welding and found a small pinhole. He struck an arc on the tank and the fuel tank caught fire and exploded. He had not purged the tank a second time. Employees #2 and #3 were burned trying to put out the fire that engulfed Employee #1. He was fatally injured and the other two employees were seriously injured. Employee #2 received burns on her hands and arms. Employee #3 received burns on his hands, face, ears, and back. The burning ceiling fell on Employee #3 before he was completely out of the fire area.

Keywords: BURN, DIESEL FUEL TANK, WORK RULES, FIRE, EAR, WELDING, BACK, EXPLOSION, FACE, HAND

Employee Details

Employee #	Inspection Nr	Age	Sex	Degree of Injury	Nature of Injury	Occupation
1	104240445			Fatality	Burn/Scald(Heat)	Management related occupations, n.e.c.
2	104240445			Hospitalized injury	Burn/Scald(Heat)	Not specified mechanics and repairers
3	104240445			Hospitalized injury	Burn/Scald(Heat)	Not specified mechanics and repairers



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