



Welding & Joining Management Group

FORENSIC EXPERTS • METALS TESTING

CASE LISTING (1999 - 2010)

Date	Project #	Description	Location
2010	2010421	Evaluate leak in copper pipe	Colorado
2010	2010402	Metal failure of ATV frame	Colorado
2010	2010383	Corrosion degradation of interior galvanized steel studs	Colorado
2010	2010221	Short failure	Colorado
2010	2010111	Corrosion on post-tension cables	Colorado
2010	2010105	Metal evaluation of hydrovac booster port	Colorado
2010	2010081	Analysis of electric heater	Colorado
2010	2010080	Evaluate exploded muzzle-loader	Colorado
2010	2010068	Wellhead fire	Colorado
2010	2010025	Concrete filled elevator shaft - failed round tubing seam	Colorado
2009	2009498	Cracked welds on roof supports in coal mine	Colorado
2009	2009490	Patent case regarding welding wire	Washington, DC
2009	2009403	Power plant fire inside tower on demister	Colorado
2009	2009254	Natural gas pipeline explosion resulting in fire	Colorado
2009	2009139	Consulting on minimum preheat and interpass temperatures	Tennessee
2009	2009073	Grain feeder collapsed resulting in injury	Colorado
2009	2009058	Evaluate failed longitudinal weld	Illinois
2008	2008566	Expert assessment of explosion caused by weld failure, negligence	Louisiana
2008	2008537	Failure analysis of failed hydraulic ram from a pumper truck	Colorado
2008	2008453	Expert assessment involving burns caused by improper clothing	Louisiana
2008	2008367	Expert assessment of drill stem and boring machine	Montana

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Date	Project #	Description	Location
2008	2008364	Expert assessment regarding MSDS and welding fumes litigation	Missouri
2008	2008360	Expert assessment regarding corrosion in stainless steel tubing	New Jersey
2008	2008341	Expert assessment regarding bad welds on a structure/bridge	Arizona
2008	2008300	Failure analysis of furnace explosion	Colorado
2008	2008218	Failure analysis on broken safety guard rail	Colorado
2008	2008207	Expert assessment regarding MSDS and welding fumes litigation	West Virginia
2008	2008203	Expert assessment regarding an injury resulting from clothing catching fire from welding	Ohio
2008	2008172	Failure analysis involving a broken metal pole resulting in injury	Colorado
2008	2008142	Expert assessment regarding MSDS and welding fumes litigation	West Virginia
2008	2008123	Expert assessment regarding possible violation of 4" oil pipeline	Colorado
2008	2008068	Failure analysis involving corrosion on paint remover can resulting in injury	California
2008	2008064	Failure analysis regarding a broken weld on a chair resulting in injury	California
2008	2008062	Expert assessment regarding a propane generator being used in a freezer	Pennsylvania
2007	2007522	Expert assessment regarding MSDS and welding fumes litigation	West Virginia
2007	2007510	Expert assessment regarding MSDS and welding fumes litigation	Missouri
2007	2007397	Failure analysis regarding a broken chair leg resulting in injury	Colorado
2007	2007383	Failure analysis of weld failure on winch guard resulting in injury	Colorado
2007	2007323	Failure analysis regarding an injury to contractor from a fall (fall protection); testimony in court required	Nebraska
2007	2007118	Expert analysis regarding nitric acid reheater vessel	California
2006	2006520	Failure analysis regarding pipeline rupture resulting in death	Colorado
2006	2006368	Failure analysis regarding a fire at a feed storage facility	Colorado
2006	2006360	Expert assessment regarding MSDS and welding fumes litigation	Missouri
2006	2006337	Forensic analysis regarding accidental death as a result of fire at cement plant; deposition under oath required	Texas

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2006	2006008	Expert assessment regarding MSDS and welding fumes litigation	Missouri
2005	2005450	Preliminary metallurgical assessment of localized corrosion on two sizes of underground fire water pipe samples	Texas
2005	2005442	Expert interpretation of project specifications for welds on pipeline	Colorado
2005	2005381	Expert assessment regarding MSDS and welding fumes litigation	Missouri
2005	2005345	Forensic analysis of welded strap failure	Texas
2005	2005294	Forensic analysis regarding field examination and findings on railcar after a fire	Colorado
2005	2005285	Expert assessment of broken cabinet weld resulting in injury; deposition under oath required and testimony in court	New York
2005	2005272	Forensic analysis of a press brake and shear	Colorado
2005	2005226	Failure analysis of cracks in walls, retaining walls, and apron slabs	Colorado
2005	2005148	Metallurgical assessment of shaft fracture surfaces on 12" rotor shaft	Arkansas
2005	2005104	Failure analysis of moving truck ramps that fell resulting in an injury; deposition under oath required	Montana
2005	2005049	Expert assessment regarding OSHA safety measures on residential construction specifically fall protection on two story construction	Colorado
2004	2004440	Expert assessment and analysis of a Korean reactor	Texas
2004	2004361	Failure analysis regarding field welding for a canopy installation resulted in an explosion	Colorado
2004	2004341	Failure analysis of a fire due to faulty weld	Nebraska
2004	2004289	Failure analysis of pipeline welds in the Gulf of Mexico	Texas
2004	2004209	Expert assessment of H2S leak in hydrolizor sleeves	Arkansas
2004	2004205	Failure analysis regarding gas pipeline welding issues	Colorado
2004	2004107	Expert assessment of 0.934" diameter threaded galvanized stud and end fracture surface	Colorado
2004	2004082	Expert assessment of weld spatter on windows resulting in construction litigation	Colorado
2003	2003422	Failure analysis - Welder injured while welding when an oil/water storage tank exploded	Colorado
2003	2003408	Consultation as a Safety Expert re: underwater welding resulting in a shoulder injury	Florida
2003	2003388	Failure analysis of poor welds on a safe that burned in a fire	Alabama

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2003	2003329	Failure analysis on hydraulic mechanism resulting in eye injury	New Mexico
2003	2003313	Failure analysis of master cylinder from light truck	Colorado
2003	2003255	Failure analysis of hay baling farm equipment metal pin; deposition under oath required	Nebraska
2003	2003210	Failure analysis re: house fire caused by overheated conductors and/or electric arc welder	Colorado
2003	2003201	Failure analysis regarding a possible defect in the torch, hose, welding tanks or regulator causing a welding machine malfunction	California
2003	2003161	Failure analysis of a wall that collapsed during the building process killing three construction workers	North Carolina
2003	2003155	Expert assessment of a fire that destroyed a large egg plant	Arkansas
2003	2003030	Failure analysis, examination and PE Report of a broken haul truck weld	Colorado
2003	2003007	Failure analysis of 3" vent pipe which potentially caused a fire at a ski lodge	Colorado
2002	2002251	Failure analysis and expert testimony re: ladder rung welding and NDT; deposition under oath required and testimony in arbitration process	California
2002	2002244	Failure analysis for TV tower collapse with fatalities and injuries of construction workers	Nebraska
2002	2002219	Engineering assessment of pipe quality at an airport facility	Colorado
2002	2002187	Failure analysis and examination of possible defective Sanitas Whirlpool Tub	Kansas
2002	2002183	Failure analysis of Vanna Tub Chair weld failure	Kansas
2002	2002002	Preliminary forensic metallurgical evaluations of the ruptured glycol de-hydrator	Texas
2001	2001235	Forensic analysis of broken airplane seat – aluminum metallurgical evaluations	Pennsylvania
2001	2001214	Metallurgical evaluation of broken bronze valve at water heater inlet	Colorado
2001	2001186	Expert assessment of Benzomatic cylinder – automated brazing metallurgy	Colorado
2001	2001185	Expert testimony in rock crusher case; deposition under oath required and testimony in court	Washington
2001	2001109	Failure analysis on failed stainless steel gas appliance flex connector – metallurgical evaluations	Colorado
2001	2001097	Assessment of two Acetylene cylinders – explosion and fire investigation; deposition under oath required	New Mexico
2001	2001084	Expert assessment of allegations that worker received electrical shock from a welding device	Ohio
2001	2001083	Preliminary forensic analysis and assessment of black steel (gas line) pipe	Colorado

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2001	2001082	Failure analysis in school welding safety case; deposition under oath required	New Mexico
2001	2001075	Metallurgical evaluation and report for drilling company's insurance company	Colorado
2000	2000103	Metallurgy assessment of robot fixtures inadequate for use, deposition under oath required	Texas
2000	2000094	Failure analysis of unauthorized welded aerospace parts	Oklahoma
2000	2000024	Welding and metallurgical assessment of a propane tank in class action lawsuit	Colorado
2000	2000021	Expert assessment of damaged trailer involving metallurgy and failed aluminum welds	Texas
1999	99004	Expert assessment of refinery tank explosion, reviewed and assessed welding process circuitry; deposition under oath required	Texas

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