

**Table 5** Initiating agent for welding related eye injuries among welders and non-welders

	<b>Welders (n=1353)</b>		<b>Non-welders (n=822)</b>		<b>Total (n=2175)</b>	
	<b>n</b>	<b>(%)</b>	<b>n</b>	<b>(%)</b>	<b>n</b>	<b>(%)</b>
Initiating process						
Work process initiated	1014	(74.9)	613	(74.6)	1627	(74.8)
Mechanical-normal	880	(86.8)	560	(91.4)	1440	(88.6)
Non-mechanical	70	(6.9)	23	(3.7)	93	(5.7)
Mechanical-malfunction	18	(1.8)	18	(2.9)	36	(2.2)
Unknown	46	(4.5)	12	(1.9)	58	(3.6)
Initiated by another person	63	(4.7)	114	(13.9)	177	(8.1)
Mechanical-normal	59	(93.6)	110	(96.5)	169	(95.5)
Non-mechanical	3	(4.8)	3	(2.6)	6	(3.4)
Mechanical-malfunction	1	(1.6)	1	(0.9)	2	(1.1)
Object initiated	29	(2.1)	11	(1.3)	40	(1.8)
Mechanical-normal	17	(58.6)	5	(45.5)	22	(55.0)
Mechanical-malfunction	6	(20.7)	3	(27.3)	9	(22.5)
Non-mechanical	4	(13.8)	2	(18.2)	6	(15.0)
Unknown	2	(6.9)	1	(9.1)	3	(7.5)
Other initiating processes	21	(1.6)	11	(1.3)	32	(1.5)
Environment	20	(95.2)	8	(72.7)	28	(87.5)
Explosion	1	(4.8)	3	(27.3)	4	(12.5)
Non-classifiable or missing	226	(16.7)	73	(8.9)	299	(13.7)
<b>Total</b>	<b>1353</b>	<b>(100.0)</b>	<b>822</b>	<b>(100.0)</b>	<b>2175</b>	<b>(100.0)</b>

Percentages may not sum to 100% due to rounding.