

HHSRS Worked Examples from East Midlands
Standardisation Working Group
6 March 2008



Example 16 – Electrical Hazards

1930's two story semi detached house occupied by a three single men who are migrant workers from Poland. These pictures are taken in the kitchen.



HHSRS V2 SCORING SHEET

DWELLING House or flat **hse flat** HMO **Non HMO** Age of dwelling Pre 1920 **20-45** 46-79 80+

HAZARD & No **Electrical Hazards** **23** Item/s **Burnt electrical wires**

LIKELIHOOD **500** 3200 1800 1000 560 320 180 100 56 **32** 18 10 6 3 2 1
 <4200 2400 1300 750 420 240 130 75 42 24 13 7.5 4 2.5 1.5>

Justification
**Disrepair to wiring to this electrical socket.
 An electrical fault has occurred previously therefore there could be a fault with the rest of the electrical system.
 By not using this socket it would put extra demand on the other sockets in the kitchen**

		<0.05	0.15	0.3	0.7	1.5	3	7	15	26	38		
OUTCOMES Class I	0	0.1	0.2	0.5	1.0	2.2	4.6	10.0	21.5	31.6	46.4		Class IV
Class II	0	0.1	0.2	0.5	1.0	2.2	4.6	10.0	21.5	31.6	46.4		100-(I+II+III)
Class III	0	0.1	0.2	0.5	1.0	2.2	4.6	10.0	21.5	31.6	46.4		43.1
		<0.05	0.15	0.3	0.7	1.5	3	7	15	26	38		

Justification
No reason to change the harm outcomes.

RATING **A** B C **D** E F G H I J Score (if calculated) **917**
 <5000 2000 1000 500 200 100 50 20 10>

Enforcement Action:
The group decided that they would serve an Improvement notice requiring the landlord to provided a periodic report carried out by a competent person, and to carryout any works deemed necessary.