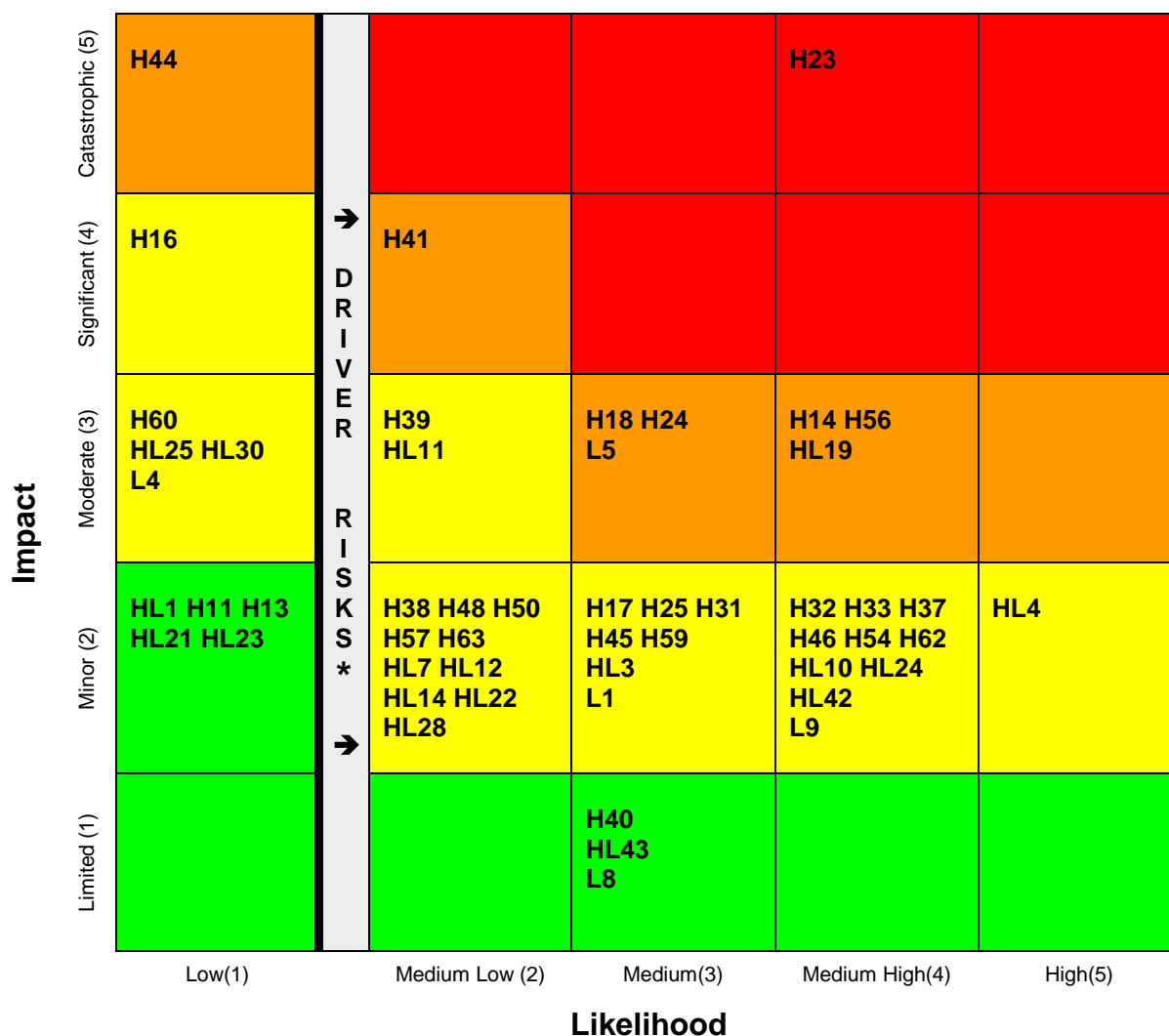


RISK RATING MATRIX

AMBER VALLEY BOROUGH AREA



Key	Very High	High	Med	Low
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* Risks that drive planning assumptions and capability development

1. Accident	
H16	Aviation accident over a semi-urban area
HL1	Fire or explosion at a gas terminal or involving a gas pipeline
HL7	Industrial explosions and major fires
HL10	Local accident on motorways and major trunk roads
HL11	Railway accident
HL22	Building collapse
HL23	Bridge closure or collapse
HL25	Localised fire or explosion at a gas terminal as well as LPG, LNG, and other gas onshore feedstock pipeline and flammable gas storage sites
HL28	Localised fire or explosion at a fuel distribution site or tank storage of flammable and /or toxic liquids
HL30	Localised explosion at a natural gas pipeline
2. Hazmat	
H11	Accidental exposure to radioactive material from incorrectly handled stolen sources
H13	Foreign nuclear accident affecting the UK
H14	Major contamination incident with widespread implications for the food chain
H46	Biological substance release during an unrelated work activity or industrial process (e.g. Legionella release due to improperly maintained building environmental control systems)

H60	Road or rail tanker containing dangerous goods and/or “high consequence” dangerous goods – accident involving fire and explosion
HL3	Localised industrial accident involving small toxic release
HL4	Major pollution of surface waters and groundwater
HL12	Local accident involving transport of hazardous chemicals
HL14	Local (road) accident involving transport of fuel/explosives
L4	Hazardous goods transport - radioactive materials
3. Natural hazard	
H17	Severe Storms and Gales
H18	Low temperatures and heavy snow
H48	Heatwave
H50	Drought
H54	Disruption to aviation as a consequence of volcanic ash
H56	Severe Space Weather
H62	Health impacts of poor air quality either from high ground level ozone or fine particulate matter
H63	Earthquake
HL19	Local fluvial flooding
HL21	Land movement (i.e. caused by tremors or landslides)
L5	Pluvial (Surface Water) Flooding
4. Disease	
H23	Influenza type disease (pandemic)
H24	Emerging infectious diseases
H25	Outbreak of exotic notifiable disease in animals (including birds).
HL24	Localised legionella / meningitis outbreak
HL43	Outbreak of plant disease
5. Industrial action	
H31	Actual or threatened significant disruption to fuel supplies including as a result of industrial action by tanker drivers or refinery staff, or effective blockades at key refineries/terminals by protesters
H33	National strike action by prison officers
HL42	Loss of cover due to industrial action by workers providing a service critical to the preservation of life (such as emergency service workers)
L9	Government and public services
6. Infra-structure/System failure	
H32	Fuel supply (insolvency) - Actual or threatened significant disruption to fuel supplies as a result of an insolvency at a key refinery/terminal.
H38	Technical failure of a critical upstream oil/gas facility, gas import pipeline terminal, or Liquefied Natural Gas (LNG) import reception facility leading to a disruption in gas supplies
H39	Failure of water infrastructure or loss of drinking water
H40	Disruption or loss of telecommunication systems
H41	Total failure of GB’s National Electricity Transmission Network
H44	Major reservoir dam failure/collapse
H45	Disruption to Regional Electricity Distribution or Transmission Network/System.
H59	Technological failure of the banking system
L1	Disruption to local electricity distribution or transmission network/system
7. Humanitarian	
H37	Influx of destitute/vulnerable British Nationals who are not normally resident in the UK and cannot be accommodated by family/friends
H57	Large scale public disorder in site(s) in a single city, or in multiple cities, occurring concurrently over several days
L8	Public events incident (illegal/unauthorised)