

Figure 5.4. UK Health, Safety and Environment Top 10 Human Factors Topics table.
“Getting Started,” Human Factors 101, [link](#).

UK HSE Top 10 HF Topics		Brief description of topic	Company 1	Company 2
1. Managing Human Factors	1.1 Human Factors in Risk Assessment	Structured inclusion of influences on human failure (violations and errors) in design and risk assessment		
	1.2 Incident Investigation	As above for incident investigation		
2. Procedures		Providing user-friendly procedures, which support error-free performance		
3. Training and Competence		Ability to undertake responsibilities and perform activities to a recognised standard on a regular basis; a combination of skills, experience, and knowledge		
4. Staffing	4.1 Staffing Levels	Right level of skilled people available for task		
	4.2 Workload	Manageable workload, especially during upsets and emergencies		
	4.3 Supervision	Experienced supervisors regularly present at work-site		
	4.4 Contractors	Competent contractors, properly supervised		
5. Organisational Change		Human aspects of organisational change risk assessed and controlled		
6. Safety-Critical Communications	6.1 Shift Handover	Structured process for shift and task handover in place and working as intended		
	6.2 Permit-To-Work	As above for permit-to-work		
7. Human Factors in Design	7.1 Control Rooms	Ergonomic design principles used		
	7.2 Human-Computer Interface	As above		
	7.3 Alarm Management	As above, to prevent alarm floods		
	7.4 Lighting, Thermal Comfort, Noise, and Vibration	As above		
8. Fatigue and Shiftwork		Work patterns designed to prevent/mitigate fatigue and reduce error		
9. Organisational and Safety Culture	9.1 Behavioural Safety	Programmes target critical behaviours and include process and occupational safety		
	9.2 Learning Organisations	Chronic unease exists, always looking for system causes of failure and opportunities to learn or improve		
10. Maintenance, Inspection and Testing	10.1 Maintenance Error	Structured process to minimise such errors in place—coupled with widespread awareness of risk of maintenance error		
	10.2 Intelligent Customers	The capability of the organisation to have a clear understanding of knowledge of the product or service being supplied; relevant to the use of contractors		