

Key Performance Indicators

Category 1 - Sustainable Consumption and Production			
Clause	Key Performance Indicator	Information	Comment
Clause A	Environmental Management Systems	Type of EMS being operated	For example whether a ISO14001 scheme is being operated?
Clause B	Waste - type of production facility	Production facility type in operation	Various power stations have differing levels of processing capability, ranging from nothing , classification, Carbon Reduction, etc.
Clause C	Emissions to air and water	Report the number of significant dust emissions to air and releases to ground water incidents during the year.	These are related to the production and sale of ash into the construction industry.
Clause D	Communication with other parties	A = Regular consultations with supply chain, e.g. coal buyers, power station engineers, etc. B = Provision of data relating to the production and sale of ash products to all parties. C = System for providing information to ash users, e.g. newsletters, meetings, etc.	Various levels of communications exist - the more the higher the score.
Clause E	Compliance with product standards	The proportion of material supplied in compliance with the appropriate Approved Product Standards as required by the Quality Protocol for Bound and Grouts, for example EN450-1, EN13242, EN13055-1 or 2, EN13043, EN12620, EN197-1, Customer specification where permitted (Bound) or the Regulatory Position Statement (RPS) for Unbound applications, e.g. the Spec. for Highway Works. Choose the proportion sold to these standards.	This KPI requires that compliance is demonstrated by the appropriate text being shown on delivery documentation, certificates of EC conformance made available, etc. Exclude material sold as 'waste'.
Category 2 - Climate Change and Energy			
Clause F	Electricity consumption for processing	Some ash processes require electricity to beneficiate the ash making it saleable in some markets, e.g. concrete and block making. These gradings are connected to the processes, see Clause B - Waste.	Processing ash usually requires some energy to be expended. However, this increases utilisation so is considered beneficial within reason.
Clause G	Transportation from production facility to construction site	Type 1 – Road transport: Type 2 – Rail transport: Type 3 – River/canal transport	Overall CO2 emissions from a Transport Calculator are computed in CO2 per tonne-mile
Clause H	Provide information on the environmental impacts of transportation to site of the ash to each contract.	A – Record delivery miles by transport mode on delivery ticket B – Collaborate with partners in reduction of transport impacts, by arranging return loads, etc. C – Use alternative fuels and methods of transport to reduce impacts, e.g. bio diesel, canal, rail, etc.	The minimising the impact of transport systems leads to greater scores.
Category 3 - Natural Resources and Enhancing the Environment			
Clause I	Annual Utilisation of PFA (fly ash)	Expressed as percentage of total annual production (dry weight) sold to the construction market.	The less material sent to land reclamation or landfill the better the score.
Clause J	Annual Utilisation of FBA (Furnace Bottom Ash)	Expressed as percentage of total annual production (dry weight) sold to the construction market.	As above.
Clause K	Complaints	Records of problems associated with the production and delivery of ash products reported by public, site staff, etc during the past year.	Obviously minimising problems is of concern.
Category 4 - Creating Sustainable Communities			
Clause L	Health and Safety	Reporting of lost time resulting from reportable accidents (RIDDOR) as proportion of staff numbers.	An indication of the effectiveness of the H&S systems in place.
Clause M	Health and Safety Management Systems	To demonstrate a competent H&S management system is in operation. A = compliant with OHSAS 18001 B = RoSPA awards C = Annual UKAS compliance verification carried out	Are these recognised H&S systems?
Clause N	Engagement with workforce	A = Investors in People B = Liaison with Trade Union or Employee Councils C = Regular staff meetings.	Is staff involvement encouraged?
Clause O	Education and training	Investment in vocation training and/or professional education courses plus staff training and development programme in place	Are Training and professional education courses offered?
Clause P	Employment	A = Have a published equal opportunity policy B = Provide evidence of local recruitment initiatives C = Provide evidence of established links with local schools/colleges.	Is local recruitment encouraged?
Clause Q	Planning and design of operations in a manner that provides an acceptable quality of life for the local community	Grade 1 – Community engagement programme, a formal system of complaints, provision of work experience positions and support for community projects including school visits Grade 2 - Community engagement programme and a formal system of complaints, Grade 3 - A formal system of complaints Grade 4 – No community engagement or complaints system.	Are the local community kept informed?
Category 5 - Overall Business Responsibility			
Clause	Business in the community –	Business in the Community's CR Index is the UK's leading benchmark of responsible	Are producers involved with this

R	The Corporate Responsibility Index	business. The Index assesses the extent to which corporate strategy is integrated into business practice throughout an organisation.	scheme?
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Please note - this is a trial scheme and may be subject to significant changes following the result of the trials.

Annually, the UKQAA will report the ash industry's performance overall giving the above KPIs and National performance. Certificates will be issued to individual power stations. These will give an overall Sustainability Rating out of 100% for each station and describe the type of ash facility available. During the early stages this scheme will be trialled by the members and refined. Thereafter, consideration will be given to 3rd party accreditation (BES 6001 or similar) being adopted.