

WRAP

Quality Protocol



Quality Protocol for recycled aggregates



WRAP Quality Protocol for Recycled Aggregates

Several of our customers have been questioned by the Environment Agency about the source of their recycled aggregates. This follows on from press releases highlighting the EA's increasing focus on this subject.


Recycled aggregates are considered a 'waste' unless they have been produced by a recycler who complies with the WRAP Quality Protocol. They may be used as waste in construction if the receiving site holds an appropriate exemption from Environmental Permitting Regulations. In the absence of either such an exemption or a suitable supplier the EA are prosecuting both producing and receiving companies for the illegal disposal of waste.

New guidance on this subject along with checklists for you to use to verify compliance to the Protocol have recently been released and are available at www.aggregain.org.uk/quality/quality_protocols/


On the right is a copy of a completed checklist for Day Aggregates' production facilities. With this information you can be confident that materials purchased from our facilities are not 'waste' but 'product'.

You can download additional blank checklists http://www.aggregain.org.uk/quality/quality_protocols/

Should you require any further information on this subject please contact our technical department on **020 8380 9600** or email technical@daygroup.co.uk



**Material change for
a better environment**



Quality Protocol for the production of aggregates from inert waste

Producers' compliance checklist

Production Facilities – Transport Avenue, Brentford
Approach Road, Purley
Murphy's Wharf, Charlton

This is a self-assessment checklist for producers of aggregates wishing to test and demonstrate the compliance of their process to the WRAP Quality Protocol for production of aggregates from inert waste.

Please consider your process and activities and tick "Yes" or "No" as applicable for each question. Refer to the accompanying Guidance Notes for further details as required.

Your process is fully compliant with the Quality Protocol for production of aggregates from inert waste only if you respond "Yes" to all questions.

Measures to correct areas of non-compliance (where ticks have been scored in the "No" column) must be identified and implemented to achieve compliance with the Quality Protocol. Recycled aggregates that are produced by a process not fully compliant with the Quality Protocol are likely to be a waste and subject to Environmental Permitting Regulations (England & Wales) or Waste Management Licensing Regulations (Scotland & Northern Ireland).

Checklist and Summary Guidance ¹	YES	NO
<p>Waste management requirements (QP ref* 3.4.1, 3.4.4, 3.6.1 and 3.7.1)</p> <p>Does your recycling operation have the required environmental permit/waste management licensing/exemptions and is the Duty of Care applied?</p> <p><small>NOTE: You must demonstrate that you meet the statutory and regulatory requirements, including use of registered waste carriers and Waste Transfer Notes (WTNs). Please consult the Guidance Notes for further details.</small></p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Acceptance of incoming waste (QP ref 3.4.1 to 3.4.4 and App C)</p> <p>Do you have site/location specific Acceptance Criteria procedures for the incoming waste?</p> <p>Do your Acceptance Criteria include a description of the types of waste accepted and a description of the method of acceptance?</p> <p><small>NOTE: List Of Waste Regulations/ European Waste Code for consistency with the WTNs must be used. You must demonstrate that only inert waste is accepted for production of aggregates to the Quality Protocol. Inspection at receipt and at tipping must be carried out.</small></p>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
<p>Are material input records kept?</p> <p><small>NOTE: A record of each load received and accepted must be kept.</small></p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Do you have a procedure for non-compliant waste?</p> <p><small>NOTE: You must demonstrate how you are dealing with non-conforming incoming waste. Please consult the Guidance Notes for further details.</small></p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Production and Standards/Specifications requirements (QP ref 3.1 to 3.3 and 3.5)</p> <p>Have you set up a Factory Production Control (FPC) system, which includes a Method Statement of Production (MSP), describing the waste recovery process and the range of products?</p> <p><small>NOTE: FPC is mandatory for production of aggregates to BS EN Standards and common industry specifications and it is a requirement of the Quality Protocol. The MSP may be represented by a flow chart. All materials produced must be listed. Implementation of the FPC must be demonstrated using the detailed list of requirements within the guidance notes.</small></p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Do you produce to established specifications and/or standards?</p> <p><small>NOTE: Aggregates must be produced to be fully compliant to established specifications and/or standards.</small></p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



Checklist and Summary Guidance ¹	YES	NO
Testing (QP ref 3.6, 3.6.1 and 3.6.2)		
Have you defined what testing to undertake, and how often, for each material you produce? <i>NOTE: Any material produced to a FPC must have a defined testing procedure and sampling and testing frequency. Please refer to the Guidance Notes for examples of minimum testing frequencies.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Does your testing regime comply with the requirements of the standards and specifications for the aggregates you are producing? <i>NOTE: Aggregates produced to standards and specifications must be tested to demonstrate compliance to those standards and specifications.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Do you have a procedure for dealing with non-conforming products? <i>NOTE: You must demonstrate that non-compliant products are dealt with in accordance to the FPC.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Documentation (QP ref 3.7.2, 3.7.3, 3.8 and 3.9)		
Do you keep a record of all the appropriate documents, in accordance with the FPC, and specifically of the results of the tests undertaken as required by the standards and specifications? <i>NOTE: A list of records that must be kept in accordance to the FPC is provided within the Guidance Notes.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Does the delivery ticket of your product contain the description of the material in accordance with the industry or client specification and does it include a statement that the aggregate was produced to a quality scheme meeting the Quality Protocol? <i>NOTE: Details on the delivery ticket must be provided in accordance with the FPC. The statement that the aggregate was produced to a quality management scheme conforming to the Quality Protocol can only be inserted if no "No" cells have been ticked in this self-assessment form.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

The competent authority for Environmental Permitting (England and Wales) Regulations is the Environment Agency, for Waste Licensing Regulations in Scotland is the Scottish Environment Protection Agency and in Northern Ireland is the Department of the Environment (Environment and Heritage Service). These agencies are able to confirm or provide information on permits, licences and exemptions to third parties if required. They are also able to require documentary proof of the compliance to the Quality Protocol from recycled aggregate producers who claim to be operating to the Quality Protocol.

* QP refs. are for numbered sections in the three versions of the WRAP Quality Protocol for the production of aggregates from inert waste covering England & Wales, Scotland, and Northern Ireland.

Copies are available from http://www.aggregain.org.uk/quality/quality_protocols/index.html

For additional information on Quality Management Systems go to: <http://www.aggregain.org.uk/quality/index.html>

¹ Expanded guidance notes are available in a separate document called: Guidance Notes to the Producers' compliance checklist for the Quality Protocol for the production of aggregates from inert waste

WRAP helps individuals, businesses and local authorities to reduce waste and recycle more, making better use of resources and helping to tackle climate change. While steps have been taken to ensure its accuracy, WRAP cannot accept responsibility or be held liable to any person for any loss or damage arising out of or in connection with this information being inaccurate, incomplete or misleading. This material is copyrighted. It may be reproduced free of charge subject to the material being accurate and not used in a misleading context. The source of the material must be identified and the copyright status acknowledged. This material must not be used to endorse or used to suggest WRAP's endorsement of a commercial product or service. For more detail, please refer to our Terms & Conditions on our website - www.wrap.org.uk



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Recycling companies who wish to produce under the WRAP Quality Protocol are required to establish a Factory Production Control Manual as set out in BS EN 13242:2002.

The FPC defines how an organisation intends to control product quality through its written procedures. It must define roles and responsibilities throughout the production process as well as nominate a management representative responsible for the implementation of the FPC.

The documented procedures must include a procedure for the acceptance and categorisation of incoming waste as well as a procedure for dealing with non-conforming product.

The end product must be regularly inspected and tested. This demonstrates its compliance to a specification as required by the Quality Protocol. Day Aggregates uses various independent UKAS accredited laboratories to carry out its testing regime. These results are available on request.

www.daygroup.co.uk
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Day Group supplies natural and recycled aggregates
to the construction and civil engineering industry

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