

CASE STUDY

Derwenthaugh Ecoparc, Waste Recycling Plant



Location:- Blaydon, Newcastle
Value:- £30 Million
Completed:- Early 2010



Project Description:

The project comprises the main plant building, offices and staff facilities, site infrastructure, vehicular service area for lorries and car parking. Within this envelope was constructed a complex recycling plant installation and processing areas, which was an integral part of the project, installed and commissioned by a series of specialist process sub-contractors, managed by the principal contractor .

Objectives:

The Client's original requirement was to have only the building O&M manuals completed in ITAcads e-format, being issued to the Client and Building operators prior to the final commissioning and testing of the recycling plant. The process sub-contractors where to produce separate plant manuals later, without the involvement of ITAcads. However, on being introduced to the ITAcads systems, the cleint opted for their manual to be also produced in the same e-format as the building manuals. Once the plant commission had been completed, all process subcontractors O&M manuals and commissioning records were collated and issued.

Method:

This was achieved by liaising with the Client, Contractor, CDM-C, and Building Plant Operator & Project Managers to:-

- 1) Define the format, content and timescales of the final manuals
- 2) Discuss with Building Plant Operator their requirements for O&M manuals, ensuring that final manuals can be easily incorporated into their document management procedures.
- 3) Consult with all major sub-contractors and agree format & content of O&M manuals and ensure compliance with overall format agreed with the Client .
- 4) Manage collation of all subcontractors O&M information (Building O&M's), compile and report back any issues to contractor.
- 5) Discuss with the Process Sub Contractors their format, content & timescale for manuals and ensure compliance with overall format agreed with Client.
- 6) Issue monthly reports, which were then incorporated in to the contractor's progress reports.
- 7) Collate all Building O&M documents & Health & Safety File into a single PDF file which was fully indexed, bookmarked and searchable.
- 8) Attend pre-hand over meeting to issue completed Building O&M electronic manuals to the overall Project Manager.
- 9) Issue completed process subcontractors O&M manuals, and scan all commissioning paperwork as a record of completed work, once the processing plant was commissioned.



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CONTRACTOR	CDM-C	PROJECT MANAGER	CLIENT
<p>The approach used removed from the Site project managers the burden of managing, gathering and presenting this information to the end user/client. By entrusting these tasks to ITAcads, this enabled the Contractor to concentrate on the process of delivering the building rather than chasing paperwork.</p> <p>Feedback from site "The service was invaluable".</p>	<p>The approach simplified the process of producing the Health & Safety file, as ITAcads provided all the cross referencing to the O&M manuals to ensure that the Health & safety file was complying with the CDM regulations, whilst ensuring that the file was a concise document.</p>	<p>As the manuals were developed and demonstrated by ITAcads at various meetings during the overall contract period, by handover stage the Project Managers were satisfied with the information produced and that it complied with all the contractual obligations.</p>	<p>The Client and the Building Plant Operator commented on the proactive approach to the creation of the manuals and were satisfied with the final documents. They noted that the manuals were not only usable, but that the information contained could be broken down into smaller sections and incorporated into their own maintenance strategies, without the need to rewrite the information.</p>

Issued Documents:-

An abridged paper manual, containing the Health & Safety file, General Drawings, Contact details and Maintenance overview of main building fabric. This was all contained within a single A4 Ring binder and is to be read in conjunction with the electronic manual.

Main Building

The production of a PDF document which contains all the information issued by all the subcontractors. This e-format document extends to a manual of over 3800 pages.

Document is Fully Indexed, Bookmarked & Searchable.

Waste Recycling Plant

The production of a PDF document for each of the process subcontractors, The total number of pages contained in these manuals is in excess of 15,000 pages.

Documents are Fully Indexed, Bookmarked & Searchable.

ITAcads Ltd

22 Manston Gardens
Crossgates
Leeds
LS15 8HB

Tel: 0844 846 7322
Email: info@itacads.co.uk
Website: www.itacads.co.uk

