

AnnS Jones

From: Matthew Phillips
Sent: 18 January 2017 11:55
To: planning_admin
Subject: FW: P/2016/1151 - Proposed new scrap handling system

Public Protection response.

From: Paul Campini
Sent: 18 January 2017 11:55
To: Matthew Phillips
Subject: RE: P/2016/1151 - Proposed new scrap handling system

Hi Matthew

I would agree, that I wouldn't expect any noticeable vibration from the new installation given the activity they are proposing. Given both that this is something they already do on site anyway presumably without causing a vibration issue currently and that it will be situated on the roof of the existing building as well I would expect that if there was significant vibration it would be a problem for Ardagh.

Regards

Paul

From: Matthew Phillips
Sent: 16 January 2017 16:26
To: Paul Campini
Subject: FW: P/2016/1151 - Proposed new scrap handling system

Paul,

I have asked the applicants for some further info about the above. See below.

I have had a concern from the occupier of a neighbouring dwelling about noise and vibration. The condition you have recommended will deal with the former. Most of the plant is located in an acoustic enclosure anyway, although an external fan is proposed, although this is shown as being coupled to a silencer.

With regards to vibration, given the size of the scrap metal being handled – essentially small lightweight bits of waste aluminium, as well as the distance from the nearest dwelling (100m or so), would you expect vibration to be a significant issue beyond the site boundary? This doesn't seem to be the type of process that would cause a significant issue.

Regards

Matthew Phillips
Planning Control Lead/Arweinydd Rheoli Cynllunio
Environment and Planning/Amgylchedd a Chynllunio
Wrexham County Borough Council/Cyngor Bwrdeistref Sirol Wrecsam
Telephone/Ffôn: 01978 298780

From: Sharrock, Robin P [<mailto:Rob.Sharrock@ardaghgroup.com>]
Sent: 16 January 2017 15:55
To: Matthew Phillips
Subject: RE: P/2016/1151 - Proposed new scrap handling system

Hi Matthew,

Please see the answers to your questions below:-

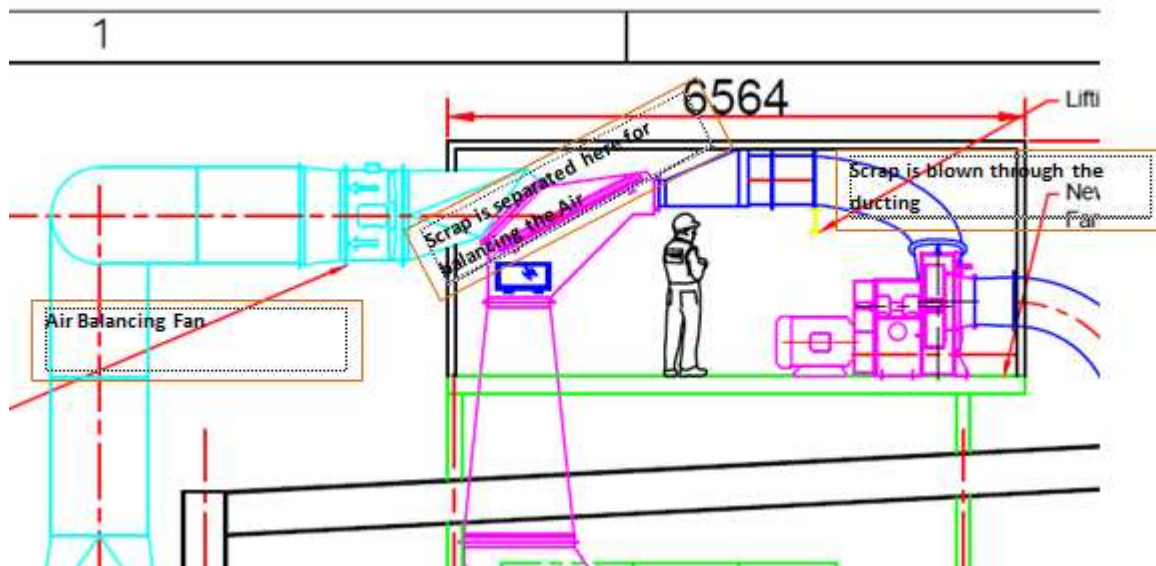
1. No Scrap Travels through the Air Balance Ducting / silencer, the scrap is separated in the Cyclone.
2. There are two types of scrap from our process, one being a skeleton 90mm wide strip x 0.25mm thick. Also 68mm Diameter ring x 10mm wide.
3. At the start of the process we Punch out a round Cup from the flat aluminium sheet, typically 13 Cups per stroke, this leaving a thin skeleton waste.
also when the Can is formed the open end of the can is not perfectly square, this is then trimmed to the correct can height leaving a trim ring.

Image of Aluminium Scrap ring



Image of Scrap Skeleton





I hope this helps clarify the points raised.

Best Regards
Rob

From: Matthew Phillips [<mailto:Matthew.Phillips@wrexham.gov.uk>]
Sent: 16 January 2017 10:56
To: Sharrock, Robin P
Subject: RE: P/2016/1151 - Proposed new scrap handling system

Rob,

I did receive the email initially – for some reason our email system had put it in to junk email for some reason, so I apologise for that.

Just a couple of extra questions following your response:

- 1) The external balance fan and associated ducting. I assume that no scrap is actually handled in this and the associated air discharge ductwork. The ductwork would appear to be a connection between the fan and associated silencer;
- 2) What is the typical size of the waste aluminium that passes through the scrap handling system?
- 3) Could you just clarify the process that is carried out at the site generally that gives rise to the waste aluminium – I apologise for asking but I am not familiar with the nature of the business.

Regards

Matthew Phillips
 Planning Control Lead/Arweinydd Rheoli Cynllunio
 Environment and Planning/Amgylchedd a Chynllunio
 Wrexham County Borough Council/Cyngor Bwrdeistref Sirol Wrecsam
 Telephone/Ffôn: 01978 298780

From: Sharrock, Robin P [<mailto:Rob.Sharrock@ardaghgroup.com>]
Sent: 12 January 2017 14:36
To: Matthew Phillips
Subject: RE: P/2016/1151 - Proposed new scrap handling system

Hi Matthew,
Sorry for the delay in the reply.

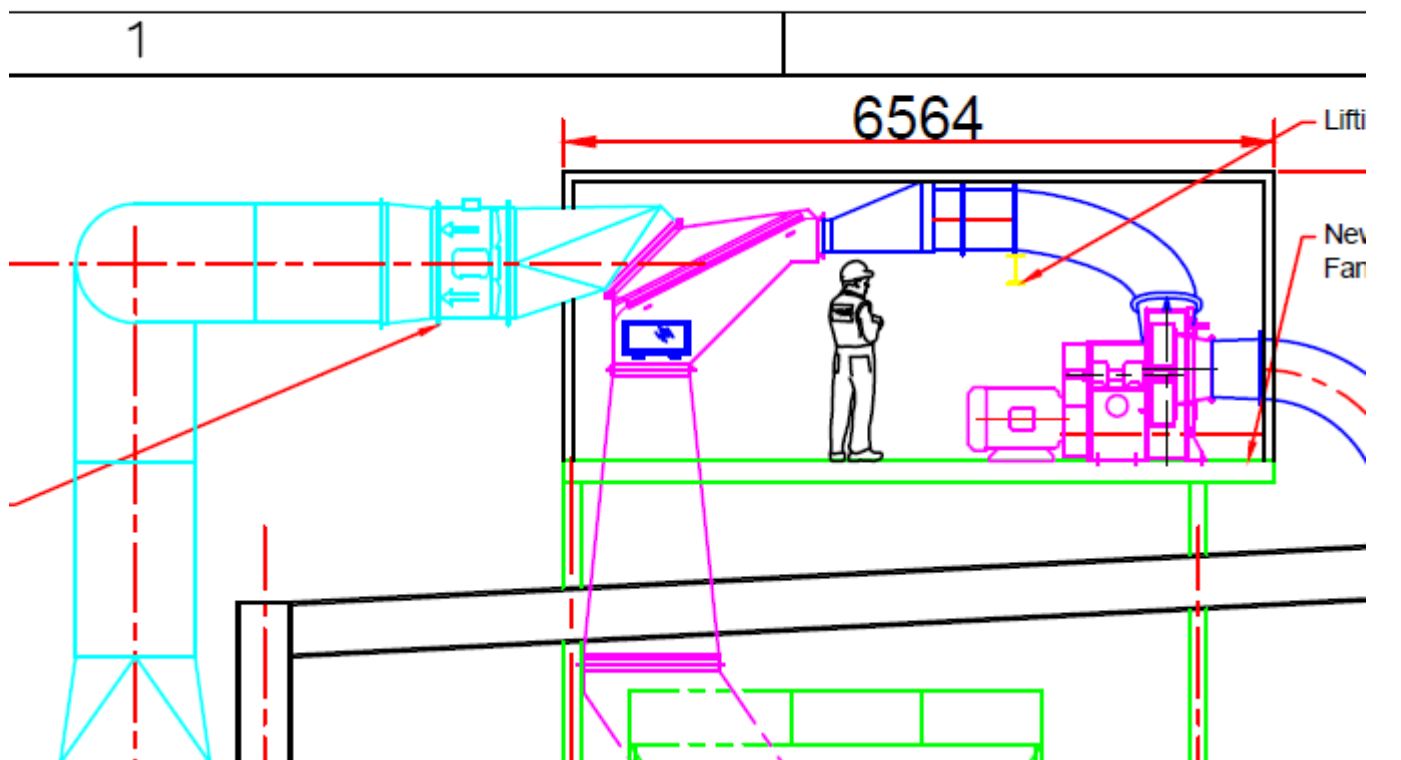
The system proposed is to handle the scrap aluminium waste trim from our cans, this is collected in our Scrap vacuum system from each line using the existing Scrap Fan in the Plant and the addition of a Scrap Fan that will be located in the Proposed Room, the scrap is conveyed through this vacuum ducting and separated at the separator Hopper which has an external Handling Fan (see attached image).

As you mention the rest of the Scrap Handling equipment is located inside the Plant, however the addition of the Scrap Handling Fan inside the proposed building would require the noise attenuation / soundproofing.

If you require any further information please feel free to contact me.

We are also consulting specialists looking at a possible internal solution to our current building.

Best Regards
Rob



From: Matthew Phillips [<mailto:Matthew.Phillips@wrexham.gov.uk>]
Sent: 11 January 2017 08:46
To: Sharrock, Robin P
Subject: P/2016/1151 - Proposed new scrap handling system

Rob,

I have received the attached comments from my colleagues in Public Protection regarding potential noise from the proposed plant.

Can you explain in a little bit more detail the nature of the plant. It would seem to me that most of the potentially noisy equipment would actually be inside of the main building (i.e. the bulk of the scrap handling equipment. The equipment located externally would appear to be associated with air extraction/circulation?

Regards

Matthew Phillips

Planning Control Lead/Arweinydd Rheoli Cynllunio
Environment and Planning/Amgylchedd a Chynllunio
Wrexham County Borough Council/Cyngor Bwrdeistref Sirol Wrecsam
Telephone/Ffôn: 01978 298780

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