

Appendix C – Air Quality Management Plan E Mail Trail between NRW local officers and Tata

The trail of E Mails below outline the correspondence between NRW and Tata discussing the on site monitoring network, supporting the change in paragraph two above.

From: Cowie, Douglas <Douglas.Cowie@cyfoethnaturiolcymru.gov.uk>
Sent: Friday, June 18, 2021 11:41 AM
To: Brooks, Georgina <Georgina.Brooks@tatasteeleurope.com>; Grainger, Claire <claire.grainger@tatasteeleurope.com>; Ace, Nathan <nathan.ace@tatasteeleurope.com>
Cc: Herbert, Neil <Neil.Herbert@cyfoethnaturiolcymru.gov.uk>; Gibson, Paul <Paul.Gibson@cyfoethnaturiolcymru.gov.uk>
Subject: RE: Air quality monitor query

Good morning all

Following on from ongoing conversation on this subject. Please see below link to the UK Air (Defra) website which outlines standard methods for monitoring air pollutants, including PM₁₀.
[EU Standard Methods for monitoring and UK Approach - Defra, UK](#)

The following standards are probably most relevant here:

- EN12341:2014 PM10 and PM2.5
- (EN16450:2017 Automatic PM analysers)

If it could be demonstrated that a new device was capable of meeting these standards and had achieved certification under MCERTS for Continuous Ambient Air Monitoring System (CAMS), this potentially is enough to satisfy the regulatory requirements. We await further clarity regarding the capability of the sensor-based devices previously discussed.

Thanks

Doug

From: Brooks, Georgina <Georgina.Brooks@tatasteeleurope.com>
Sent: 11 June 2021 09:06
To: Cowie, Douglas <Douglas.Cowie@cyfoethnaturiolcymru.gov.uk>; Grainger, Claire <claire.grainger@tatasteeleurope.com>; Ace, Nathan <nathan.ace@tatasteeleurope.com>
Cc: Herbert, Neil <Neil.Herbert@cyfoethnaturiolcymru.gov.uk>
Subject: RE: Air quality monitor query

Good Morning Doug

Title:	[title]
Author	[author]

Thank you very much for the information below. I will discuss with Claire and Nathan.

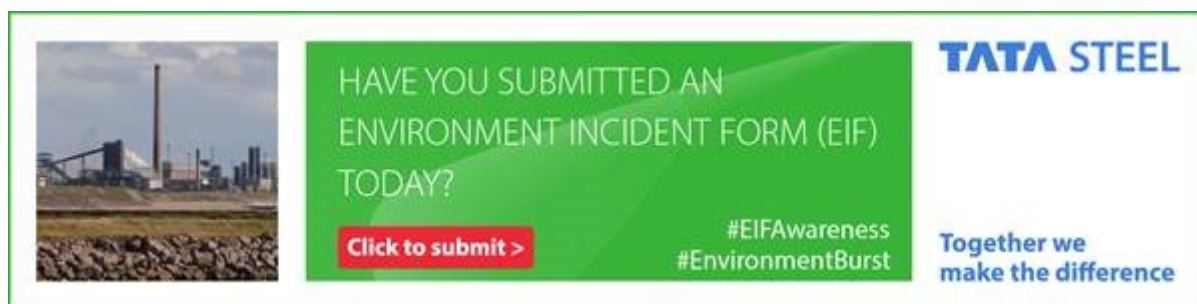
Met vriendelijke groet / Kind regards,

Georgina

Georgina Brooks

Air Quality Specialist

T: +44 (0)1639 606591



From: Cowie, Douglas <Douglas.Cowie@cyfoethnaturiolcymru.gov.uk>

Sent: Thursday, June 10, 2021 2:57 PM

To: Brooks, Georgina <Georgina.Brooks@tatasteeleurope.com>; Grainger, Claire <claire.grainger@tatasteeleurope.com>; Ace, Nathan <nathan.ace@tatasteeleurope.com>

Cc: Herbert, Neil <Neil.Herbert@cyfoethnaturiolcymru.gov.uk>

Subject: RE: Air quality monitor query

External email

Good afternoon all

We've moved on a bit further with this topic. How would Tata Steel feel about the following (conceptual) approach:

- 1 x continuous ambient monitoring system (CAMs) acting as a 'reference' or control instrument within Tata Steel's on-site network. This system might use a single instrument or a pair of monitors taking into account the size and layout of the steelworks. From a regulatory perspective we could be confident that such monitoring equipment meets a standard (MCERTS) and provides reliable information about air pollution.
- A network of sensor-based monitors positioned at appropriate points around the steelworks. The output from these devices could be compared with data from MCERTS-certified CAMs and corrected if necessary.

There is an applicable monitoring (performance) standard which we believe may apply to your situation:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/532491/LIT_7050.pdf

The above concept may allow Tata Steel to retain a base level of ambient monitoring capacity which meets MCERTS for CAMs (and satisfies the regulatory aspects), but also allows you to use newer devices and benefit from the wider data capture potential of sensor-based systems. It may also allow you to decommission fixed monitor types which are less reliable and/or less suited to certain monitoring locations.

Happy to discuss this further as needed.

Doug

From: Cowie, Douglas

Sent: 08 June 2021 16:45

To: Brooks, Georgina <georgina.brooks@tatasteeleurope.com>

Cc: Grainger, Claire <claire.grainger@tatasteeleurope.com>; Ace, Nathan <nathan.ace@tatasteeleurope.com>; Herbert, Neil <Neil.Herbert@cyfoethnaturiolcymru.gov.uk>

Subject: Air quality monitor query

Hi Georgina

As discussed earlier today. I have asked the question again to identify if there is a regulatory expectation or a statutory requirement to use a specific type of air quality (monitoring) instrument.

Will update you further at our next weekly call.

Kind regards

Doug

Doug Cowie

Uwch Swyddog – Rheoleiddio Diwydiant a Gwastraff / Senior Officer – Industry and Waste Regulation

Tîm Rheoleiddio Diwydiant De-Orllewin Cymru / South West Wales Industry Regulation Team

Cyfoeth Naturiol Cymru / Natural Resources Wales

Maes Newydd, Llandarcy, Neath Port Talbot SA10 6JQ

Ffôn / Tel: 03000 653221*

Siaradwr Cymraeg – Welsh Speaker

***Please note that I am working from home as a result of the Covid-19 pandemic, and I cannot routinely access telephone voicemail messages. If you cannot reach me on the above number please email me to arrange a call back.**

Gallwch hefyd cysylltu â ni gan ddefnyddio cyfeiriad e-bost y Tîm Rheoli Diwydiant.

You can also contact us using our Industry Regulation Team email address.

industryregulation.swwales@cyfoethnaturiolcymru.gov.uk

