

**Mill Scale Experts Group, 10<sup>th</sup> September 2009,  
Stahl-Zentrum, Sohnstraße 65, Düsseldorf  
Germany**

**Minutes**

**Attendants:**

Christoph Angermayer, voestalpine  
Guilhem Dollé, ArcelorMittal  
Norbert Hatscher, Stahlinstitut VDEh  
Franz Jost, AG der Dillinger Hüttenwerke  
Alvaro Plaza, ArcelorMittal  
Carlo Schoumacher, ArcelorMittal  
Anna-Maria Tivegard, SSAB Merox AB

**1. Introduction / background**

Norbert Hatscher recapitulated the actual situation:

- 191 producers of steel and steel products have pre-registered Mill Scale
- The experts Group has decided that the registration will be organised by the International Iron Platform (IP)
- A sameness survey by the IP has been sent out in July 2009 (submission deadline August 14<sup>th</sup>, 2009)
- The substance identity will be the basis for the SIEF formation and for the registration

At the time of the meeting there was no information about the sameness survey. First results have been sent to Norbert Hatscher by Chris Barrington after the meeting. These results have been distributed directly to the experts group.

**2. SIEF formation: from the Pre-SIEF to the SIEF**

At the moment we are in the Pre-SIEF phase. To enable the transition from the Pre-SIEF to the SIEF the problem of substance identity has to be solved. Most important part of the discussion is the treatment of oil. It was agreed that it has to be taken into account in the safety data sheet, so that the customers (= downstream users) have the required information.

**3. Substance identity**

The production route is specified in the EINECS database and part of the Mill Scale description. It is also mirrored in the upper part of the XML-file listing up the pre-registrants for Mill Scale:

```
xml version="1.0" encoding="utf-8" ?>
<preSIEF id="E:266-007-8"
<name>Mill scale (ferrous metal)</name>
<description>The oxidized surface of steel produced during reheating, conditioning, hot rolling,
and hot forming operations. This substance is usually removed by process waters used for
descaling, roll and material cooling, and other purposes. It is subsequently recovered by gravity
separation techniques. Composed primarily of high-purity iron oxides. May contain varying
amounts of other oxides, elements, and trace compounds.</description>
```

#### 4. Registration in practice, IT tools

By using the IUCLID 5 database Franz Jost demonstrated via live-connection to the server located at Dillingen a steel slag example and a test Mill Scale data base to show the possibilities and limitations of this tool. Like for all high volume substances (>1000 tonnes per year, except isolated intermediates) the annexes VII to X of the REACH regulation have to be filled in.

It was decided to register Mill Scales as UVCB. Oil is not a part (i.e. no chemical reaction with the iron oxides in Mill scale) of Mill Scale but will have to be mentioned in the dossier at least. Franz Jost will make a proposal to the experts group where to implement this in IUCLID5 and how the correct wording should look like.

The following stepwise working approach for preparing the Mill Scale technical dossier was accepted:

1. The IUCLID5 dossier (physical-chemical, toxicological and ecotoxicological data) will be filled by ENVIRON. The original IUCLID5 data base (server) will be located in Dillingen
2. ENVIRON will stepwise export the completed files and send them to Franz Jost
3. Franz Jost distributes the received files to the experts for checkup
4. The members of this Mill Scale Experts Group discuss and/or propose changes (Either via physical experts meeting or telephone conference)
5. Changes will be collected by Franz Jost and given to ENVIRON afterwards to integrate them into the final IUCLID5 dossier

#### 5. Data requirement

**Data gap analysis:** In the prefield of the meeting Chris Barrington has given the following information to Franz Jost:

*“The data gap analysis is close to finalisation - there are still a few papers to review. There are some issues with one of the reports from Environ and we are waiting to complete the hazard assessment from human health angle.”*

*Christ Barrington should send us at least the draft version of the data gap analysis as soon as possible. Franz Jost will contact him on this topic.*

**IUCLID 5:** EChA announced that in future there will be a REACH-IT solution for the joint registrants. Up to now it is not available and the only possibility is IUCLID 5 and no time scale for a REACH-IT solution is available.

#### 6. Others

- Time scale and time management: Guilhem Dollé will send a proposed time scale for Mill Scale to the experts group next week (calendar week 38) for comments. After discussion within this experts group and adoption if necessary it will be sent to IP.
- It was not decided on a date for the next experts group meeting. After the time scale has been discussed a date for a telephone conference or a physical meeting (to be decided) will be fixed.
- It was decided that the potential lead registrant ArcelorMittal should give the Mill Scale dossier to the EChA as soon it has been completed.