

Safety Team Minutes
December 12, 2009
11:00 a.m.

Attendees: Julie Callahan,
Paul Bodeau,
Rod Bodeau,
Les Hartzman,
Roy Herndon,
John Wisniewski.

Old Business:

The minutes of Meeting #1 (11/21/09) were approved.

Paul will add acronym definitions to the slides presented in Meeting 1.

John W. will send future approved minutes to John Prince to put on the ISA website.

John will send out minutes to the attendees by email. Rather than have tacit approval if there is no response, the minutes need approval from everyone before being sent on.
The goal is to have the minutes approved and forwarded to ISA in a week.

The concept of “Parallel” development, that is, for IEC 61508 vs. existing processes was misunderstood in Meeting 1. One way to accomplish parallel development is to have two process paths: one for new products requiring safety approval, and the existing processes for legacy products.

Paul and John are looking into the possibility of John presenting his alcohol breath tester and court cases for a local ISA meeting in March.

New Business:

We plan to start self-training on 61508.

We will start with section 1 of the document for next meeting.

We need to read section 1 before setting any roles or positions.

On the QA & CM positions, John suggested that we entertain the idea of dual or triple roles, since we have a small roster. This will help us see if a small company can still fill all the functions without expanding. One rule would be that a person could not approve or review their own work, and so some people would have, for example, a QA position to review the work of the person that was assigned the bulk of the QA work.

Les took an action to review DO-178B.

The CASS document that lists the 61508 approval outline is available on line without cost.

Paul suggested we consider Roy in the QA position. Roy also would consider it.

John brought up some ideas for a product. The first was a do-over of the Laundrimate laundry monitoring project. This would give us an added benefit to be able to compare to an existing traditional development, and then we would be able to see what effort was necessary to bring a traditional project up to IEC 61508. It was felt that this product did not have enough safety issues to warrant further consideration.

The second idea was to build an in-home medical device that would monitor vital signs such as temperature, blood pressure, oxygen saturation, and pulse, for dementia or shut in patients. We decided to mull over this suggestion until next meeting.

Next Meeting: Saturday, January 16, 2010, 11:00 a.m., at the Postage Stamp Ranch.