Cost Centres, etc.

Tuesday, February 02, 2016 2:21 PM

Bldg 151, Cubicle 2130D
Mail drop 2005

As of May 2017, just use Brent's 100196 for SSMPG

In Outlook, type my tag CostC: and then leader's initials

Richard Reis (RR): 100272
Brent Campbell (BC): 100196
Ken Ehry please (KE): 100633
Dion Fisher (DF): 100876
Paul Rimmer (PR): 100520

From: Ehry, Kenneth /J
Sent: Tuesday, February 02, 2016 1:36 PM
To: Aubin, Duane G /JC <aubin.duaneg@syncrude.com>
Cc: Blake, Scott /J <Blake.Scott@syncrude.com>; Campbell, Brent /J <Campbell.Brent@syncrude.com>
Subject: RE: Charging your time to cost centers

Split it up between my cost center and Brent's

From: Aubin, Duane G /JC
Sent: Tuesday, February 02, 2016 1:33 PM
To: Ehry, Kenneth /J
Cc: Blake, Scott /J; Campbell, Brent /J
Subject: RE: Charging your time to cost centers

Hi Ken,

Thanks. I noted that you provided a cost centre for Area Lead (Extraction/Tailings) Paul Rimmer. I'm doing some work for Area Lead (Mobile) Scott Blake this week (Compliance update) – is there a cost centre for Scott, or should I just keep that work under my default, which is currently Brent Campbell (who is now under Mobile anyway).

Cheers.

Regards,

Duane Aubin
M&IS Forecaster
Syncrude Canada Ltd.
o. 780.788.6563
m. 780.381.0524
Sharepoint: *Data Shop* | *Materials and Inspections Services*

From: Ehry, Kenneth /J
Sent: Monday, February 01, 2016 2:50 PM
To: Jones, Jeffrey /JC <Jones.Jeffrey@syncrude.com>; Aubin, Duane G /JC <aubin.duaneg@syncrude.com>
Cc: Blake, Scott /J <Blake.Scott@syncrude.com>; Rimmer, Paul /J <Rimmer.Paul@syncrude.com>; Reis, Richard /J <Reis.Richard@syncrude.com>; Campbell, Brent /J <Campbell.Brent@syncrude.com>; Fisher, Dion /J <Fisher.Dion@syncrude.com>; Ehry, Kenneth /J <Ehry.Ken@syncrude.com>
Subject: Charging your time to cost centers

Hello Jeffery and Duane,

Charging to different cost centers
For example: 1.When you're working for Richard Reis please charge to cost center 100272
2.When you're working for Brent Campbell please charge to cost center 100196
3. When you're working for Ken Ehry please charge to cost center 100633
4. When you're working for Dion Fisher please charge to cost center 100876

5. When you're working for Paul Rimmer please charge to cost center 100520

And if you work for any other department please charge to their cost center. If you work for more than one group in a shift please split up your time accordingly so the proper cost is captured for each Leader.

Thank you, Have a Safe Day

Ken Ehry M&IS Team Leader
Shovels/Truck Shop/Med Duty/Bucket Shop
Office: 780-714-2691
Cell: 780-714-0520

Ergonomics Assessments

Wednesday, February 24, 2016 8:44 AM

From: Jesso, Chelsea /JC
Sent: Monday, February 22, 2016 9:43 AM
To: Aubin, Duane G /JC <aubin.duaneg@syncrude.com>; Jones, Jeffrey /JC <Jones.Jeffrey@syncrude.com>
Cc: Beltran, Liliana /J <Beltran.Liliana@syncrude.com>; Tiessen, Andrew /J <Tiessen.Andrew@syncrude.com>
Subject: Office Ergonomic Assessor

Good Morning Folks,

As I mentioned on Friday, a meeting took place between myself, Liliana Beltran, Charlene and Andrew regarding M&IS Office Ergonomics. Liliana has suggested that due to the volume that it would be a good idea to assign some more M&IS Office Ergonomics Assessors/OE Contacts.

The thought is to assign Duane as the OE Contact for Aurora buildings (918/1255/1615) *might be missing some buildings as I am not familiar with Aurora*, Jeffrey for the Mine buildings (775/142/545) and the remainder of the buildings be shared between myself and Charlene.

Liliana, can you please provide Jeffrey Jones and Duane Aubin the information to get trained to be an OE Contact?

Thank you,

Chelsea Jesso
Senior Administrator
Materials & Inspection Services

41B - Cubicle 2139
P.O. Bag 4009, Bldg. 151 - Mail Drop 2005
Fort McMurray, Alberta, Canada, T9H 3L1
Phone: (780)-790-**8224** Email: jesso.chelsea@syncrude.com

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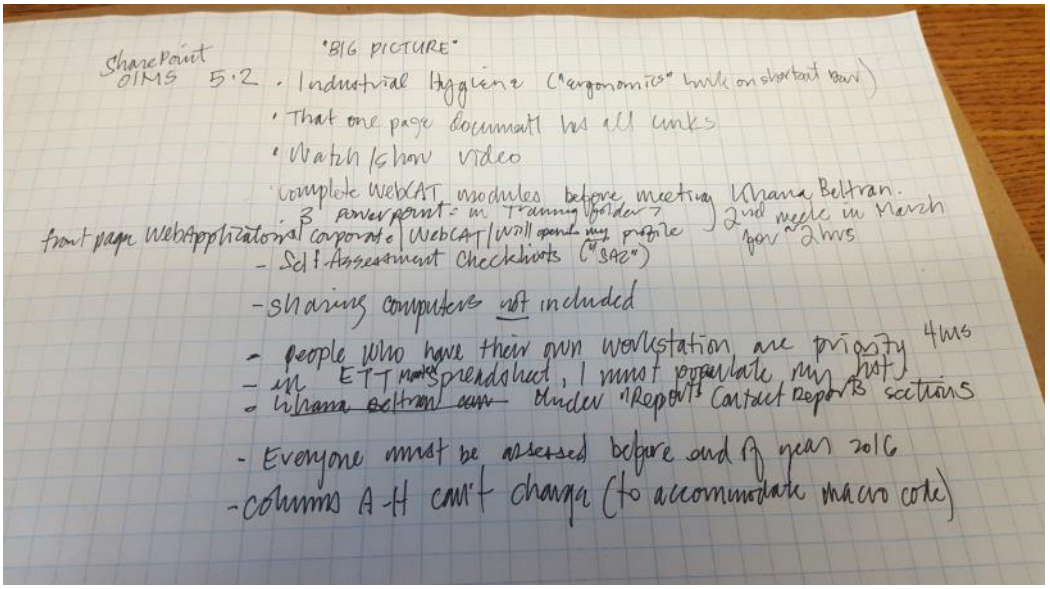

2/24/2016 8:46 AM - Screen Clipping

From: Beltran, Liliana /J
Sent: Wednesday, February 24, 2016 9:25 AM
To: Aubin, Duane G /JC <aubin.duaneg@syncrude.com>
Subject: Welcome to the Ergo Team

Thank you for taking the time to chat with me this morning. Attached is the link to our Ergo Website and the documents frequently used:

- Info for OEC *[This is a key document; go through every link in it, in order]*
- Office Ergonomic Contacts FAQ.
- Self-Assessment

Welcome to the Ergo Team

Regards,

Liliana Beltran
Ergonomic Advisor, ESS
Syncrude Canada Ltd.
Health Services-Industrial Hygiene
Office: (780) 790 8718
"Balancing demands & human capabilities- healthy employees today and tomorrow"
Please consider the environment before printing this e-mail notice.
This communication is intended for the use of the recipient to which it is addressed, and may contain confidential, personal and/or privileged information. Please contact

Information for Office Ergonomic Contact

The Office Ergonomic Program provides the resources required to reduce or eliminate injury and illness arising from or aggravated by office related activities and is designed for office employees who work at a single computer station, during more than 4 hours daily. The Syncrude Office Ergonomic Program guidelines, posted in the OIMS 5.2.webpage, provide general information of the Program.

The Office Ergonomic Contact mentors employees during the training, assessment and implementation of corrective actions; documents and reports the ergonomic activities. Office Ergonomic Contact duties to be an integral part of individual full-time job responsibilities. They will:

- Comply with the Employee requirements, plus complete the WebCAT Office Ergonomic Contact training (initial and refresher at least every two years)
- Identify with the Supervisor the employees to be included in the Office Ergonomic Program and inform to WebCAT (this link contains an example)
- Establish with the Supervisor activities completion target dates
- Arrange and conduct an Office Ergonomic Assessment to each of the employees, using the Self-Assessment Checklist form. Communicate the gaps and recommended corrective actions to individuals and Supervisors
- Oversee the implementation of recommended actions. Complete a follow-up after the actions are finalized and if they are satisfactory, close the case, informing WebCAT
- Document program activities using the Ergonomic Tracking Tool (ETT) - share document
- Ensure that confidentiality of medical and personal information is protected in compliance with Syncrude MPI policies
- Encourage employees to identify and report discomfort or other early signs of injuries. Notify Supervisor to review employee's symptoms and actions that may need to be implemented to alleviate the discomfort. Once actions have been completed if symptoms are not alleviated by

Ergonomic Advisor, ESS
Syncrude Canada Ltd.
Health Services-Industrial Hygiene
Office: (780) 790 8718
"Balancing demands & human capabilities- healthy employees today and tomorrow"
Please consider the environment before printing this e-mail notice.
This communication is intended for the use of the recipient to which it is addressed, and may contain confidential, personal and/or privileged information. Please contact the sender immediately if you are not the intended recipient of this communication. Do not copy, distribute, or take action relying on it. Any communication received in error, or subsequent reply, should be deleted or destroyed

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-----Original **Appointment**-----
From: Beltran, Liliana /J
Sent: Wednesday, February 24, 2016 1:55 PM
To: Beltran, Liliana /J; Abel, Dawn /J; Aubin, Duane G /JC; Huntley, Natalie /J; Kasal, Martha /J; Jones, Jeffrey /JC; Blake, Geraldine /J; Thorn, Karen /J
Cc: Baghlani, Hamid /J; Maceachern, Breanna /J; Musse, Nafisa /JC; Stephen, Tracey /J; Wheaton, Goldie M /J
Subject: Dem-Office Ergonomic Contacts Training for New OEC
When: Tuesday, March 08, 2016 1:30 PM-3:30 PM (UTC-07:00) Mountain Time (US & Canada).
Where: Syncrude-Mildred Lake-Bldg 158/Collaboration Room #1 (Integration Room) <IntegrationRoom@syncrude.com>

Hello new Office Ergonomic Contact – OEC-

This is the invitation to participate on the "Demo" portion of your training as OEC, please ensure to complete the follow actions before the training:

- Reviewed the training material posted on our website
- Install / adjust the Ergonomic Software
- Complete your Self-Assessment in a soft copy
- Identify the employees who will be included in the program and stablish target dates with the Supervisors
- Fill your ETT columns A to D with exception of the "Ergonomic Assessment date ". Use the information from the Corporative directory.

I will be able to answer your questions and we will review concepts and equipment. After the training we can go for a tour to check different workstations and simulate assessments.

Note: this training is the only training available previous to Turn around and is intended for new Office Ergonomic Contacts. For OEC who require refresher the participation will be limited.

Location: Going out of the elevator 41B - 4rd floor- go right → right → right → through the corridor to the end close to the window. If you are not familiar with the area please arrive early.

Regards,

Liliana Beltran
Ergonomic Advisor, ESS
Syncrude Canada Ltd.
Health Services-Industrial Hygiene
Office: (780) 790 8718

- Document program activities using the Ergonomic Tracking Tool (ETT) - share document
- Ensure that confidentiality of medical and personal information is protected in compliance with Syncrude MPI policies
- Encourage employees to identify and report discomfort or other early signs of injuries. Notify Supervisor to review employee's symptoms and actions that may need to be implemented to alleviate the discomfort. Once actions have been completed if symptoms are not alleviated by actions, a health assessment may be required. The employee is to complete a Health Assessment Request Form signed by Supervisor, pre-arranges a visit to the Syncrude Health Center and completes the Health Evaluation. Employee to provide documentation if medical restrictions apply or special furniture is required.

The Ergonomic Assessment is repeated every two years, or earlier, if a considerable change in the role or workstation occurs or if the employee reports symptoms or injuries

A case is "closed" when the employee has a documented ergonomic assessment and recommended actions implemented adequately. It is expected to close the case within 6 months of the assessment. The Office Ergonomic Contact informs the case closure date and personnel changes to WebCAT and keeps updated the information on the ETT - share document

Area management with the support of the OE Contacts target to reach and maintain a performance of 80% in the areas, using the follow formula:

$$\frac{\text{\# employees with cases closed X 100}}{\text{\# employees expected to complete the program activities}}$$

From <http://synteam1.na.xom.com/sites/SYNOIMS01/Office%20Ergonomic/Info%20for%20%20OEC.docx>

Thursday, February 25, 2016 4:05 PM

Tim Deren's retained/unknown password

02000000780000001800000000e800000a0860100400000001000000002800000068000000000000005f1a
84359d80a208b6fcc208f311948f3665f91bbb5536edaa2ddb488b046df42afb7ea6b2fa29f04aa420dd6a6
635ad1520fc838e7c257c23a4ec0ce8eb3a66f5e4675d5ca2df5a5d039d3e1afbba92

I: drive outage issue, Master Ticket #INC000009491147

Thursday, 20 October, 2016 11:50

[2016-10-20 08:26] Aubin, Duane G /JC:
Hello
[2016-10-20 08:26] ITChat (Type Hi or Hello to Start):
Thank you for contacting ITChat. By proceeding, and typing yes, you agree with this data privacy notice: http://goto/ITChatDataPrivacy. If you do not agree, please close this window now and use alternate channels to communicate with the helpdesk.

Many issues can be resolved faster by following the helpful articles found on http://goto/supportcenters.
Common troubleshooting with iOS Company Owned Devices (COD):
* Forgot Device Passcode: http://goto/forgot_passcode
* Set up/Enroll Device: http://goto/enroll
* Un-enroll/Return: http://goto/return
Type YES to continue.

Message of the Day :
We are experiencing a high volume on chat due to the Suspicious Email Icon which is missing. High Priority ticket is been raised and the team is working to get the issue fixed.

We appreciate your patience.
[2016-10-20 08:27] Aubin, Duane G /JC:
Yes
[2016-10-20 08:27] ITChat (Type Hi or Hello to Start):
Please describe your IT problem after a Customer Service Representative has been assigned to you.
Your position on the waiting list is: 3. There are 14 active representatives currently assisting other customers.
[2016-10-20 08:28] ITChat (Type Hi or Hello to Start):
prince mann singh is available to assist you.
[2016-10-20 08:28] Singh, Prince Maan /CS:
Hello, Thank you for contacting IT chat. How can I help you?.
[2016-10-20 08:28] Aubin, Duane G /JC:
Hi Prince Maan, I have two issues today.
1. I've lost access to folders I need for work
2. I've been prompted to change my LANID, but the system refuses every new password I've tried to set up.
[2016-10-20 08:30] Singh, Prince Maan /CS:
May I know where the folder was saved , was it on I: drive , or some other LAN shared folder ?
[2016-10-20 08:30] Aubin, Duane G /JC:
Technical Engineering Services I: drive
[2016-10-20 08:31] Singh, Prince Maan /CS:
Are you not able to open the I: drive completely or one particular folder ?
[2016-10-20 08:32] Aubin, Duane G /JC:

It is no longer appearing when I open Windows Explorer. When I try to use links to files in various folders there, I get an error message saying the path can't be found.
[2016-10-20 08:33] Singh, Prince Maan /CS:
Yes there is an outage on the I: drive as per the resources at your Canada location
INC000009491147
This is the master ticket
I will assign your ticket to master ticket and once its fixed you would be notified.
[2016-10-20 08:34] Aubin, Duane G /JC:
An "outage"...?? What does that mean?
[2016-10-20 08:35] Singh, Prince Maan /CS:
It means multiple users are facing the same issue on I: drive
[2016-10-20 08:36] Aubin, Duane G /JC:
Ah, ok. Thank you.
[2016-10-20 08:36] Singh, Prince Maan /CS:
Hence concerned team is working on the issue as per the master ticket I sahred above
Your welcome
Now about your 2nd concern
May I know if you are trying to change your syncrude LAN ID password ?
[2016-10-20 08:37] Aubin, Duane G /JC:
I believe the answer is yes.
[2016-10-20 08:38] Singh, Prince Maan /CS:
Sure let me reset your syncrude LAN ID password
It may take some time as it needs to be done from terminal server
Appriciate your patience
[2016-10-20 08:39] Aubin, Duane G /JC:
Please take your time. I tried to get it done well before the expiry (next Wednesday) but the system was not cooperating, I just want it done.
[2016-10-20 08:39] Singh, Prince Maan /CS:
Sure it needs to be changed from the syncrude domain hence it might not be allowing you to change it
No issues
Let me do the needful to get the syncrude LAN ID password reset
[2016-10-20 08:44] ITChat (Type Hi or Hello to Start):
This chat session has been idle.
[2016-10-20 08:44] Aubin, Duane G /JC:
Chat session is not idle, I'm just waiting for Prince Maan to complete a process that takes time.
[2016-10-20 08:45] Singh, Prince Maan /CS:
Sure its auto reply
No worries
[2016-10-20 08:49] ITChat (Type Hi or Hello to Start):
This chat session has been idle.
[2016-10-20 08:50] Aubin, Duane G /JC:
...
[2016-10-20 08:54] ITChat (Type Hi or Hello to Start):
This chat session has been idle.
[2016-10-20 08:54] Aubin, Duane G /JC:
...
[2016-10-20 08:55] Singh, Prince Maan /CS:

Thanks for your patience

Would you mind if I share your screen, If you agree please close any private or confidential files.
[2016-10-20 08:57] Aubin, Duane G /JC:
Don't mind at all.
[2016-10-20 08:58] Aubin, Duane G /JC:
You now have control...
[2016-10-20 08:59] Singh, Prince Maan /CS:
Sure
[2016-10-20 09:02] Singh, Prince Maan /CS:
Its again not working
Let me other resources
[2016-10-20 09:02] Aubin, Duane G /JC:
Yep. OK...
[2016-10-20 09:06] ITChat (Type Hi or Hello to Start):
This chat session has been idle.
[2016-10-20 09:07] Aubin, Duane G /JC:
...
oops sorry
[2016-10-20 09:07] Singh, Prince Maan /CS:
No issues
[2016-10-20 09:09] Singh, Prince Maan /CS:
Finally your Syncrude LAN password has being change now
[2016-10-20 09:09] Aubin, Duane G /JC:
Prince Maan, thank you very much for your attention and efforts to get this done for me.
[2016-10-20 09:09] Singh, Prince Maan /CS:
Your Welcome
My Pleasure
Thank you for using IT Chat. Please rate your chat experience at http://goto/itfeedback. Have a great day ahead.
[2016-10-20 09:10] Aubin, Duane G /JC:
With pleasure. I will try. You too. Cheers.
[2016-10-20 09:10] ITChat (Type Hi or Hello to Start):
Your live chat session has ended.

Deleting a Windows Task

Monday, 07 November, 2016 08:52

aubin.duaneg@syncrude.com Support Session (3 Participants)

ITChat (Type Hi or Hello to Start), Singh, Rampal /CS

3 Participants

Monday, 07 November, 2016

Hi 08:35

Thank you for contacting ITChat. By proceeding, and typing yes, you agree with this data privacy notice: http://goto/ITChatDataPrivacy. If you do not agree, please close this window now and use alternate channels to communicate with the helpdesk. 08:35

Many issues can be resolved faster by following the helpful articles found on http://goto/supportcenters. Common troubleshooting with iOS Company Owned Devices (COD):

* Forgot Device Passcode: http://goto/forgot_passcode

* Set up/Enroll Device: http://goto/enroll

* Un-enroll/Return: http://goto/return

Type YES to continue.

yes 08:35

Please describe your IT problem after a Customer Service Representative has been assigned to you. 08:35

Your position on the waiting list is: 1. There are 19 active representatives currently assisting other customers.

Rampal Singh is available to assist you.

Singh, Rampal /CS

Thank you for contacting IT chat, How may I help you today? 08:35

I created a task in Task Scheduler. Now I want to delete it and I'm getting the message that I don't have permission to delete it. Why do I not have permission to delete a task I created? 08:35

Forgive me, where are my manners? Hi Rampal.

Singh, Rampal /CS

No problem i will check that for you. Could you please let me know when did you create the task? 08:37

August 29, 2016 08:37

Singh, Rampal /CS

Ok could you please let me know are you able to delete other task that you have created? 08:38

Or were you able to delete them before?

This is the only task I've created. 08:39

Singh, Rampal /CS

Ok do you get an option to click on delete? or are you not getting any option to delete it? 08:40

Previously, I couldn't even see an option to delete. But I did see it this morning - clicked it and it said I don't have permission to delete it. That's ridiculous, I created it. 08:40

Singh, Rampal /CS

Ok just a moment please let me check few details at my end. 08:41

Singh, Rampal /CS

For me to understand the issue better, can I request that you perform a screen sharing? If you agree, please close any materials which may be private or confidential. 08:44

Sure 142.69.16.27 08:45

Singh, Rampal /CS

Thank you. 08:45

Singh, Rampal /CS

Thank you. 08:45

Singh, Rampal /CS

Could you please show me? 08:46

"End", "Disable"...why all this crap? I just want to delete it! 08:48

Singh, Rampal /CS

Could you please try the delete option that is at the right hand side of the screen? 08:48
Ok its giving the same error. I will raise a ticket for it to the concerned team and they will contact you soon to help you.

OK, thank you very much. Windows is sooooo frustrating, how this makes any sense positively escapes me. 08:49

Singh, Rampal /CS

You are welcome. I am sorry for the inconvenience caused. 08:50

No worries, mate. Thank you for your efforts and attention to this matter. I'll look forward to follow up on this ticket. Cheers. 08:50

Singh, Rampal /CS

Sure will get this resolved for you soon. Have a good day! 08:51
Cheers!!

Last message received on 2016-11-07 at 08:51.

RE: timesheet, Duane Aubin, week ending 2017.04.20

Friday, 02 June, 2017 11:35

Subject	**RE: timesheet, Duane Aubin, week ending 2017.04.20**
From	Sample, Beverley /JC
To	Aubin, Duane G /JC
Sent	Thursday, 25 May, 2017 13:07

The PO is 4410219222 and the CC is 100196 which is one of Paul Rimmer's CC.

From: Aubin, Duane G /JC
Sent: Thursday, May 25, 2017 12:07 PM
To: Benbow, Rhys /J <Benbow.Rhys@syncrude.com>
Cc: Rimmer, Paul /J <Rimmer.Paul@syncrude.com>; Sample, Beverley /JC <sample.beverley@syncrude.com>; Duane Aubin <yourexcelguy@gmail.com>
Subject: FW: timesheet, Duane Aubin, week ending 2017.04.20

Hi Rhys,

I'm not sure why the below is an issue (I've highlighted in the email from SSMPG Payroll below what I apparently now need from you).

I thought this had been cleared up previously – and I've followed same instructions since receiving them from Syncrude. In M&IS, I do work across a number of "areas" and "teams", and have been directed to use the respective cost centres for each team for which I'm doing work, all under the one PO.

I've been putting my hours under Amy Mackenzie's cost centre 101217 since the beginning of April. Is it true that the combination of PO and this cost centre is now "not valid"?

Duane Aubin
M&IS Developer, OE Contact
Syncrude Canada Ltd.

From: Payroll Service [mailto:payroll@ssmpg.ca]
Sent: Thursday, 25 May, 2017 09:51
To: Aubin, Duane G /JC <aubin.duaneg@syncrude.com>
Subject: Probable Spam: RE: timesheet, Duane Aubin, week ending 2017.04.20

Hi Duane,
Syncrude has instructed us that the cost object (101217) is not valid with po 4410219222. Please confirm with your supervisor regarding the correct number that should be used. If 101217 is the one your supervisor insists on please have him send an email to you regarding this. This can be attached to your timesheet weekly to allow this number to be used.

This will not delay your pay for this time period. But we do ask you have this cleared up as soon as you can.

Thank you,

SSMPG Payroll

p. (780) 652-2612
t. (855) 776-7422
www.ssmpg.ca

From: Aubin, Duane G /JC [mailto:aubin.duaneg@syncrude.com]
Sent: May-25-17 9:31 AM
To: Payroll Service <payroll@ssmpg.ca>
Cc: Duane Aubin <yourexcelguy@gmail.com>
Subject: RE: timesheet, Duane Aubin, week ending 2017.04.20
Importance: High

Hi Payroll,

Syncrude advised me to use 4410219222, and I've been on a project under cost object 101217 since the beginning of April - which is to say, I've been using this combination of PO/cost object for the last two months.

Is it that the "0010" should no longer be added to the PO? If not, please advise, and I'll remove them from time sheets going forward.

Thanks for your attention to this – please confirm that this will not disrupt the timing of my pay day.

Duane Aubin
M&IS Developer, OE Contact
Syncrude Canada Ltd.
o. 780.788.6563
m. 780.381.0524
Sharepoint: *Data Shop* | *Materials and Inspections Services*
Recent headlines from the Data Shop Talk blog:
Glowing reviews for Welders % Log Phase I
WearWatch brings "truing feedback" approach to updating Equipment Strategies

From: Payroll Service [mailto:payroll@ssmpg.ca]
Sent: Thursday, 25 May, 2017 09:19
To: Aubin, Duane G /JC <aubin.duaneg@syncrude.com>
Subject: Probable Spam: RE: timesheet, Duane Aubin, week ending 2017.04.20

Hi Duane,
The cost objects submitted on your time card is invalid with the po submitted. Please verify with your supervisor and re-send your timecard as soon as you can.
Thank you,

SSMPG Payroll

p. (780) 652-2612
t. (855) 776-7422
www.ssmpg.ca

From: Aubin, Duane G /JC [mailto:aubin.duaneg@syncrude.com]
Sent: May-23-17 1:37 PM

To: Payroll Service <payroll@ssmpg.ca>
Cc: Duane Aubin <yourexcelguy@gmail.com>
Subject: timesheet, Duane Aubin, week ending 2017.04.20

See attached. Many thanks.

Duane Aubin
M&IS Developer, OE Contact
Syncrude Canada Ltd.
o. 780.788.6563
m. 780.381.0524
Sharepoint: *Data Shop* | *Materials and Inspections Services*
Recent headlines from the Data Shop Talk blog:
Glowing reviews for Welders % Log Phase I
WearWatch brings "truing feedback" approach to updating Equipment Strategies

[6/24/2015 12:07 PM] Aubin, Duane G /JC:
Hey, one of our shovel inspectors asked me to update the dropdown list on a form, to remove two inspectors who are no longer in the group and add two inspectors. The forms are in Word. I had to make the same changes to thirteen forms. Wouldn't it be ideal if all these forms were connected to one master source, and updates to the master source updated all forms that reference it?
[6/24/2015 12:25 PM] Jones, Jeffrey /JC:
cool
[6/24/2015 12:26 PM] Jones, Jeffrey /JC:
yup
[6/24/2015 12:26 PM] Jones, Jeffrey /JC:
what forms are these?
[6/24/2015 12:26 PM] Jones, Jeffrey /JC:
where are they?
[6/24/2015 12:35 PM] Jones, Jeffrey /JC:
http://www.techrepublic.com/blog/how-do-i/how-do-i-dynamically-fill-microsoft-word-fields-using-access-data/
[6/24/2015 12:39 PM] Aubin, Duane G /JC:
<I:\Technical Engineering Services\M&IS\Mining> & Piping\SHOVEL\Inspections\IDM3 Records and Checklists\Mechanical\Blank Checklists
[6/24/2015 12:40 PM] Jones, Jeffrey /JC:
And this code snippet looks good too:
"https://social.msdn.microsoft.com/Forums/en-US/a3b31998-2416-4ea1-9069-18cbccc8a151/populate-combobox-with-access-table?forum=worddev"
[6/24/2015 12:40 PM] Aubin, Duane G /JC:
That's them, specifically. It just raises the general idea once again. There is no end to the sheer amount of data that ought to be more connected.
[6/24/2015 12:41 PM] Jones, Jeffrey /JC:
yup

How to paste links into Skype

Tuesday, February 02, 2016 2:18 PM

http://synteam1.na.xom.com/sites/SYNTES02/extractionandtailings/ETML/Lists/Spool%20Tool%20Development/gantt.aspx

Jones, Jeffrey: hey! I accidently found out how to make a Gantt chart in SharePoint and how to paste a link correctly into Skype!

Unprotect Word document with unknown password

Thursday, February 25, 2016 4:10 PM

Jim's Blog

> Jim 4.0 ¯_(ツ)_/¯

SKIP TO CONTENT

- HOME
- CONTACT

How to remove passwords from protected Microsoft Word documents

SEPTEMBER 21, 201182 COMMENTS

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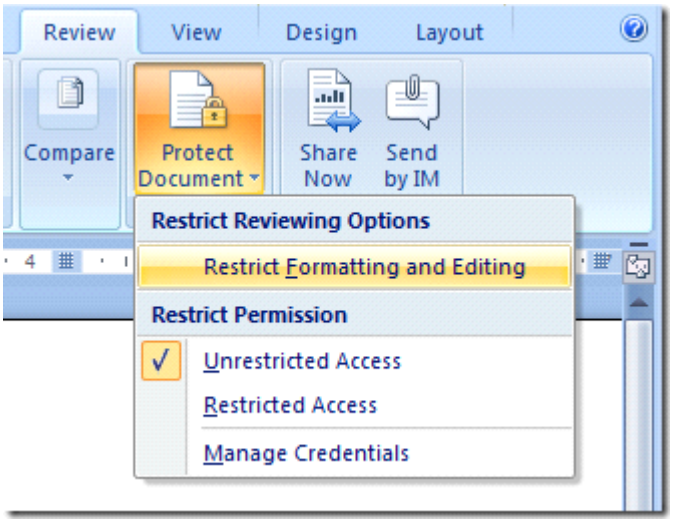
There's always been a need to remove passwords from protected Microsoft Word documents when you need to make a change. My most common occurrence is with Human Resource (HR) forms. HR staff will create the MS Word document, password protect it, and then upload it to our company intranet. However, when I need to fill the form out, the only way to do so is to print the form, sign my name, scan the signed & printed form, and them email it back to them. What I would like to do, is to just paste a scan of my signature onto the form, save as a PDF, and them email them the PDF saving printing and scanning time and paper (which would then need to be shredded).

Here's a trick that I learned a long time ago.

Make sure the MS Word document is password protected

1. Open the document in MS Word
2. Select the "Review" tab in MS Word
3. Click and Hold the "Protect Document" button to reveal more choices
4. Click "Restrict Formatting and Editing"
5. You should see a "Stop Protection" button on the bottom of the opened panel
6. Click the "Stop Protection" button

If it prompts you for a password, then let's continue to remove the password.



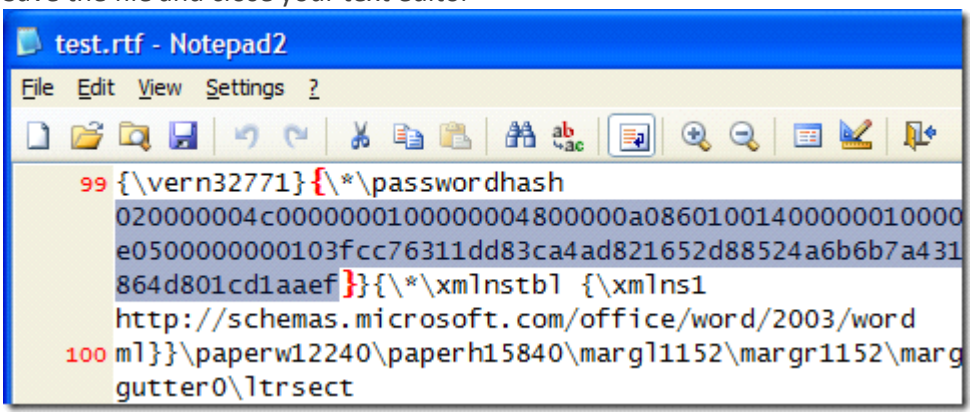
Removing the Password from the MS Word document

Step 1. Convert document to RTF

7. Click “Save As…” menu option, then choose “Other Formats”
8. Select “Rich Text Format (*.rtf)” file type and provide a filename ending with .rtf
9. Close the document and/or MS Word

Step 2. Remove password

10. Open Notepad (or any text editor, I prefer Notepad2)
11. Open the RTF file (from step 2) in the text editor
12. Search for “passwordhash”. You should see text that looks something like this:
    {*\passwordhash ########}
13. Select the text after “passwordhash” until you get to the “}” (curly bracket). Make sure to not select the “}” or “{“ characters!
14. Delete the selected text
15. The text should look something like this now:
    {*\passwordhash}
16. Save the file and close your text editor



Step 3. Convert back to MS Word and Stop Protection

17. Open the RTF file using MS Word
18. Click “Save As…” menu option, then choose “Word Document (*.docx)”
19. Select the “Review” tab in MS Word
20. Click and Hold the “Protect Document” button to reveal more choices
21. Click “Restrict Formatting and Editing”
22. Click the “Stop Protection” button
    All done! You should have an unprotected Microsoft Word document now.

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SOFTWARE, TECHNOLOGYMICROSOFT WORD, SOFTWARE, TECHNOLOGY

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82 thoughts on "How to remove passwords from protected Microsoft Word documents"

julienvan

September 22, 2011 at 12:02 pm

Thanks for the tip, that can be useful! I also found a way to see the code of protected VBA macros in Word by going in the Macro Organiser and copying the macro in another document. Then the macro is no more protected in the second document.

Beso

November 23, 2011 at 2:58 pm

Wow, what a great way to insult Microsoft. GREAT JOB

Beso

Jennifer K.

January 6, 2012 at 6:50 am

Thank you so much! You saved the day for me!

23.

7oooda

February 6, 2012 at 1:55 am

… What is this ?

The word Document menu items & toolbar is disabled if you didn't enter the password

…

So how I'm supposed to open click on anything …. Explain briefly please.

RM

May 16, 2012 at 3:24 pm

This was was awesome! I had the same issue with our HR and you fixed it – yay you!

Thiet Ke logo

May 22, 2012 at 9:15 pm

Thanks !

Bill Brasky PhD

June 12, 2012 at 4:41 am

Thanks! This made my life 1000% easier.

Julio

June 12, 2012 at 4:38 pm

thanks man! u save my day!!!
Tony
June 20, 2012 at 9:31 am
thanks a lot……very helpful
Don M.
June 30, 2012 at 4:07 pm
PERFECT! What a great feature. Glad I found this on a google search. Saved my day.
Julie
July 17, 2012 at 6:10 am
Thank you – it worked, saved me having to retype and layout four forms again from scratch. Thank you ☺
jana
July 31, 2012 at 7:27 am
it works!! I love you!!!

24.

Wim
August 6, 2012 at 7:09 am
Super!!!
Quincy
August 21, 2012 at 12:03 pm
lovely ! thanks
Jerichox
August 23, 2012 at 5:01 am
Your so cool. it works help me 30 pages of document to edit.
Lisa
August 28, 2012 at 6:57 am
Lifesaver! Brilliant!
Emily
September 5, 2012 at 10:23 am
Genius! These steps were easy to follow and saved me a big headache. Plus I look like a tech guru at the office and no one has to know the truth.
chrizninja
September 13, 2012 at 12:18 pm
Absolutely brilliant! This worked like a charm!
andrewlwneely
September 17, 2012 at 10:58 am
Wonderful! Thank you!
R. Arland.
September 24, 2012 at 4:37 am
James Welch, you are an awesome, incredible, genius. Thank you so much, this is a massive help.
DK
September 27, 2012 at 7:31 am
Genius!!!!!! Thanks so much!!!!!
James Last
October 18, 2012 at 2:22 am
EXCELLENT ARTICLE !!

washington23 (@washington23)
November 9, 2012 at 7:56 pm
Great tip, thanks!
shirintagab
November 12, 2012 at 1:25 am
thanks so much. it is very helpful to me.
Thomas van Rensburg
November 21, 2012 at 5:04 am
Great stuff James, but there is also a MUCH easier way:
1. Close the document that is password protected. Make sure it is saved on your pc.
2. Open a blank Word document.
3. Customize the Ribbon by adding "Insert File" from the Insert Tab to the Quick Access Toolbar.
4. Now, click the Insert File button.
5. Browse to the protected form document on the pc and select it.
6. Click the Insert button.
That's it. You now have a new document that is now unprotected. Save it and give it a new name. The original document is still available and protected, but you now have a unprotected version as well.
Now, the reason why I stumbled onto this forum, is that I was searching for a method to PREVENT users from doing exactly what I explained above.
Spale
May 6, 2014 at 7:17 am
Thanks!!!
Rail Fatkullin
June 8, 2014 at 12:16 pm
Thank you, Thomas! This method worked for me, while I failed to unlock a file using the method offered by James
krishna
February 12, 2013 at 11:33 pm
Really Great stuff James.
is there a similar process for Excel documents?
i am really getting Headache with excel documents. users left the organisations but forgot to forward the password to next person.
thank you,
krishna
James Welch
February 13, 2013 at 9:28 am
I'm not aware a technique for Excel. I don't if that's possible due to the file format.
Matiss
February 13, 2013 at 2:27 am
Thanx man you saved the day!
Dawnis
February 14, 2013 at 5:01 pm
Awesome!!! Worked perfectly…will be using this A LOT.

25.

Steven
March 4, 2013 at 4:51 pm

Lifesaver right here.
Thanks
Bookmarked and will spread the word
porlor
April 11, 2013 at 12:04 am
James, your advise is very good, I try to use it, it's working well with my document. you're expert
cheers,
porlor
Keith
April 22, 2013 at 6:54 pm
Thax, saved having to re-do dozons of documents when someone protected everything and then left!
Heidi
April 30, 2013 at 11:48 am
Ohh… this was soooo great..!!!!
Cheers

26.

Mat
May 7, 2013 at 1:57 am
Thanks, developer left things protected and then left!!
Mike
May 9, 2013 at 1:02 am
You juste make my day!
Thanks buddy
Katie
May 22, 2013 at 10:44 am
Thank you so very much for this! Much happy tech karma to you!
VideoGamePirate (@VideoGamePirate)
May 23, 2013 at 10:28 am
One minor quibble – in Step 2 you never state that you need to delete the password text after you select it. You do state not to delete the curly braces, but never mention actually deleting the selected password text.
In Step 2, substeps 4 and 5, you have:
4. Select the text after "passwordhash" until you get to the "}" (curly bracket). Don't delete the "}" or "{" characters!
5. The text should look something like this now:
{*\passwordhash}
So somewhere in 4 should be "Delete your selection".
Saurabh Sofat
May 24, 2013 at 5:23 am
hello it's really a good post… I have a question, i have saved a word file (docx) with a password and now i have forgotten the password.. each time i access the file it needs a password to open it, unfortunately that i have forgotten..
Now when i tried to convert the file to RTF format from online converters (websites) they are showing error and are unable to convert the file to RTF … so os there away that i can convert the password protected file to a RFT format so that i can follow the above steps and remove the

password and recover my data…
PLEASE REPLY ASAP…….
Thanks
Jenn
May 28, 2013 at 7:05 pm
This worked! Thank you!
Breandán Ó'Luanaigh
June 20, 2013 at 9:01 am
Hi James,
Thank you for the information. It worked a dream!! Saved a lot of work filling out the same form/report for 2013 as I did for 2012 when all that was need was to change the locked header to 2013.
Thank You,
Breandán
FARHAD
August 6, 2013 at 12:53 pm
I have a nice electronic signature which is made using Livescribe Smartpen. I always wanted to use it in protected word files. You are great. It helped me a lot.
Dora
August 30, 2013 at 1:34 pm
You saved me hours. Thank you!
CeleBOmE
September 11, 2013 at 3:48 am
thanks soooooooo much, help me a lot
Habib
September 23, 2013 at 9:34 am
Many thanks its really work and make easy my work

Nicolas Durand
September 29, 2013 at 1:11 pm
Great tip, thanks. Much easier than everything else I found so far.
For Excel, run the following macro (open Visual Basic by typing Alt-F11):

```
Sub PasswordBreaker()
'Breaks worksheet password protection.
If ActiveSheet.ProtectContents = False Then
MsgBox "The sheet is not protected"
Exit Sub
End If
Dim i As Integer, j As Integer, k As Integer
Dim l As Integer, m As Integer, n As Integer
Dim i1 As Integer, i2 As Integer, i3 As Integer
Dim i4 As Integer, i5 As Integer, i6 As Integer
On Error Resume Next
For i = 65 To 66: For j = 65 To 66: For k = 65 To 66
For l = 65 To 66: For m = 65 To 66: For i1 = 65 To 66
For i2 = 65 To 66: For i3 = 65 To 66: For i4 = 65 To 66
For i5 = 65 To 66: For i6 = 65 To 66: For n = 32 To 126
ActiveSheet.Unprotect Chr(i) & Chr(j) & Chr(k) & _
Chr(l) & Chr(m) & Chr(i1) & Chr(i2) & Chr(i3) & _
Chr(i4) & Chr(i5) & Chr(i6) & Chr(n)
```

```
If ActiveSheet.ProtectContents = False Then
pwd = Chr(i) & Chr(j) & _
Chr(k) & Chr(l) & Chr(m) & Chr(i1) & Chr(i2) & _
Chr(i3) & Chr(i4) & Chr(i5) & Chr(i6) & Chr(n)
tmp = InputBox("One usable password is in the box below. The sheet is now unprotected.", ,
pwd)
Exit Sub
End If
Next: Next: Next: Next: Next: Next
Next: Next: Next: Next: Next: Next
End Sub
```

I tried to do the same in Word, but there is an annoying message for every failed attempt

If anyone has a solution, please share!

x@gmail.com

December 20, 2013 at 11:22 am

I wish I would have looked at this website first! You just saved me hours of work/ formatting. You are AWESOME!

Chen

December 23, 2013 at 6:53 pm

Thanks, it works

27.

Gret

January 8, 2014 at 6:50 am

Thanks! You saved me a lot of headache

ean

January 20, 2014 at 3:27 pm

good one

dsadasd@dda.com

February 2, 2014 at 4:08 pm

very useful. thank you

28.

shashikanth

February 18, 2014 at 1:13 pm

Hello, How can i open a pwd protected docx file?

Lynne

April 10, 2014 at 6:04 pm

Thank you for a helpful solution to a pesky problem!

Pieter

May 16, 2014 at 6:28 am
Saved me a LOT of hassle,
I applaud you for giving an actual solution to the problem, instead of other copy/paste/insert file/etc. semi-solution-bullshit.
As someone above already mentioned, nice insult to Microsoft.
Lauren
May 27, 2014 at 12:20 pm
You just saved me!!!! THANK YOU!!!!
Zoey
June 12, 2014 at 8:55 pm
Just wanted to add Re: MS-Word (2003), sometimes one gets a "password" with 8 digits in the RTF files as described above. In that case, COPY it and save to clipboard. Then delete the 8 digits as instructed above, and resave the RTF. Open that file in Word, and enter the password using paste. All functions will be unlocked. Save the file under a new-name.doc
MaryG
June 13, 2014 at 8:37 am
Thanks. It worked for me.
Chris C. - Portland
August 5, 2014 at 12:39 am
Heck yes! Worked for me! Thank you!!
Al
August 5, 2014 at 12:50 pm
Wow… Cool! This worked. Thanks so much for this!
Who da man?… You da man!
Jo
August 13, 2014 at 3:27 pm
That's awesome !! Thank you! You were a BIG help!
JP
August 22, 2014 at 4:58 pm
Terrific–Worked perfectly! Thanks. Incidentally, the Insert File method mentioned above works, but it played games with formatting by pushing text onto a new page. It's probably a margin issue. Anyway, I didn't bother investigating since the original procedure worked very well.
Jeff
August 25, 2014 at 11:43 am
Had to search for "hash" because the doc was locked for editing, but could be opened as Raed Only
Brian Sellers
September 5, 2014 at 2:13 pm
Doesn't work for Office 2013 but it put me on the path to figure it out. If you haven't already solved it, let me know and I'll share.
I understand the need to restrict editing in forms and contracts but It frustrates me when someone provides a fillable form but then doesn't provide a way for me to sign it electronically.
Sara
June 10, 2015 at 6:21 pm
I know I'm almost a year late in replying to this, but could you please share what to delete or how you solved the problem for Office 2013? Thanks!
Brenda Mueller
September 16, 2014 at 2:06 pm
Fantastic! You are seriously a genius, saved me from having to completely remake a document for a couple of edits.
Tony Bloom

October 7, 2014 at 4:34 am
Favourited!!
Jes
October 15, 2014 at 11:33 am
awesome instructions, you rock!
Raquel
December 17, 2014 at 4:17 pm
Thanks this really help
Krautball
December 30, 2014 at 4:00 pm
Worked like a charm, THANKS A LOT!!!
JeremyK
March 25, 2015 at 12:58 am
Legend! Worked a gem!
Deepankar
April 10, 2015 at 12:47 pm
Thank you!
Morghen
April 16, 2015 at 2:22 pm
Wow, you just saved me ALOT of time. Thank you!!!
rash
April 20, 2015 at 2:11 pm
thomas i tried ur style of unlocking file but when i brose file it ask for password.plz help me out
peter
April 21, 2015 at 5:02 am
please help how can i remove password from .txt (wordpad) format.
get to me on peterojekunle2013@gmail.com
Wayne
April 29, 2015 at 12:51 am
You saved my days of work. Thanks, Jim.
Wayne
imran shaik
May 3, 2015 at 3:55 am
helpfull thank!
Peggy
June 11, 2015 at 4:28 pm
Bravo! Thanks so much.
jason
June 15, 2015 at 3:50 pm
you're my hero.
nilesh kesharwani
September 8, 2015 at 2:05 am
i lost my microsoft word 2013 docx file password. i'm applying this above idea but passwordhash is not coming.
ash-tanna@hotmail.com
September 16, 2015 at 1:57 am
Brilliant – actually works!!!!
JP
September 30, 2015 at 9:02 am
Thanks much… solution helps me a lot in an emergency situation.
Comments are closed.

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From <http://www.jamesewelch.com/2011/09/21/how-to-remove-passwords-from-protected-microsoft-word-documents/>

Arithmetic progression

Thursday, September 15, 2016 11:38 AM

I developed ab-b+1 to make a table work for the medium duty undercarriage program (\\SYNDAT11\DA171765$\Sync\Projects\Sean Carbery\Undercarriage Database\Undercarriage Strategy\Undercarriage Strategy Data.xlsx), optimizing unit conversion interval. Turns out it is a known equation https://en.wikipedia.org/wiki/Arithmetic_progression

ab-b+1 can also be written
1 + (a-1)b
(a-1)b+1

Mentioned this when Elgan said "I don't like math, it has nothing to do with reality," and used the curve that never touches the line as an example of something that makes no sense. He's kinda right; Einstein said as much. However, I showed him how a logorithmic curve can be used to capture the issue of shooting free throws and, once missing, the shooter can never be 100% again; if shooter never misses another shot except the one missed, the made rate increases and increases by decimal places and, once it reaches 99% will just add decimals forever. He got it.

Paste as values a formula in header row to a range

Monday, 03 October, 2016 17:27

For applying a formula to a range…

1. Save formula alone in comment in title row of column for which you want formulas "pasted" and then changed to values
2. Use below code

```
Application.ScreenUpdating = False
Application.StatusBar = "Updating Wear Percentages. Sit tight, this process takes a bit..."

   btmRow = Worksheets("Overview").Range("C1048576").End(xlUp).Row
' the name of the worksheet in quotes above should be the worksheet you're using
' the column in the range above should be the column you're using

   Worksheets("Overview").Select 'again, select the worksheet
   With Worksheets("Overview").Range(Cells(10, 4), Cells(btmRow, 13))
' set paste-to range
       .Value = Worksheets("Overview").Range("D9").Comment.Text
' grab formula from comment of header row above paste range
       .Value = .Value 'this changes the formulas from the header row comment to values
   End With
```

Max If with multiple criteria

Friday, 09 December, 2016 17:36

This is NOT the right one, look for it at home

http://blog.contextures.com/archives/2013/11/19/using-max-if-with-multiple-criteria/

MAX(IF('Bands and Outages'!$CE$19:$CE94="R"&INDEX(F$1:F$20492,ROW(),1),IF('Bands and Outages'!$Q$19:$Q94<INDEX(Q$1:Q$20492,ROW(),1),'Bands and Outages'!$Q$19:$Q94))
MAX(IF(criteria1range=criteria1,IF(criteria2daterange<criteria2date,RangeFromWhichToGetMaxValue)))

Using MAX IF With Multiple Criteria

BY DEBRA DALGLEISH · NOVEMBER 19, 2013

Excel doesn't have a MAXIF function, but we're able to create our own version, by combining the MAX and IF functions. But how about a bigger dream? Could we create our own MAXIFS function too, with multiple IFs?

Using MAX and IF

Last week, we used MAX and IF in an array-entered formula, to find the latest date that a product price was changed. Remember to press Ctrl + Shift + Enter after typing this formula, instead of just pressing Enter.

=MAX(IF($A$2:$A$9=A12,$B$2:$B$9))

Note: For more information on array formulas, I recommend Mike Girvin's book, Ctrl+Shift+Enter: Mastering Excel Array Formulas.

{=MAX(IF($A$2:$A$9=A12,$B$2:$B$9))}

	A	B	C	D
7	Binders	1-Jun	6	
8	Paper	1-Jul	7	
9	Pens	1-Aug	8	
10				
11	Product	Latest Date	Latest Price	
12	Pens	1-Aug		
13				

Customers and Products

This week, our sample data has another column included – the customer name.

	A	B	C	D
1	**Product**	**Customer**	**Date**	**Price**
2	Pencils	ABC	1-Jan	43
3	Pencils	XYZ	1-Feb	47
4	Paper	ABC	1-Mar	21
5	Pencils	ABC	1-Apr	42
6	Paper	XYZ	1-May	50
7	Paper	ABC	1-Jun	12
8	Paper	XYZ	1-Jul	13
9	Pencils	XYZ	1-Aug	29

We'd like to revise that MAX and IF formula, to check for the latest date that a product price was changed, for a specific customer.

Select a Customer and Product

The product name, Paper, is entered in cell A12, and the customer name, ABC, is in B2. By manually checking the list, we can see that the latest price change was on June 1st.

	A	B	C	D
1	**Product**	**Customer**	**Date**	**Price**
2	Pencils	ABC	1-Jan	43
3	Pencils	XYZ	1-Feb	47
4	Paper	ABC	1-Mar	21
5	Pencils	ABC	1-Apr	42
6	Paper	XYZ	1-May	50
7	Paper	ABC	1-Jun	12
8	Paper	XYZ	1-Jul	13
9	Pencils	XYZ	1-Aug	29
10				
11	Product	Customer	Latest Date	Latest Price
12	Paper	ABC		
13	Paper	ABC		

Modify the MAX and IF formula

The original formula just checked the product name, and then returned the latest date, from column B.

=MAX(IF($A$2:$A$9=A12,$B$2:$B$9))

Now, we want the formula to check both the product name (column A), and the customer name (column B), and return the latest date (column C).

Entered in cell C12, the formula will start the same, by checking the product name:

=MAX(IF($A$2:$A$9=A12,

Then we'll add a second IF function, to check the customer name:

=MAX(IF($A$2:$A$9=A12,IF($B$2:$B$9=B12,

Finally, we'll get the date from column C:

=MAX(IF($A$2:$A$9=A12,IF($B$2:$B$9=B12,$C$2:$C$9)))

After typing the formula, array-enter it, by pressing Ctrl + Shift + Enter.

{=MAX(IF($A$2:$A$9=A12,IF($B$2:$B$9=B12,$C$2:$C$9)))}

	A	B	C	D	E
7	Paper	ABC	1-Jun	12	
8	Paper	XYZ	1-Jul	13	
9	Pencils	XYZ	1-Aug	29	
10					
11	Product	Customer	Latest Date	Latest Price	
12	Paper	ABC	1-Jun		
13	Paper	ABC	1-Jun		
14					
15		**Latest Date** is array-entered formula			
16		Press **Ctrl + Shirt + Enter**			

The formula is copied down to cell C13, and both cells show the correct result – June 1st.

Get the Latest Price

Finally, the Latest price is calculated using SUMIFS (Excel 2007 or later):

=SUMIFS($D$2:$D$9,$A$2:$A$9,A12,$C$2:$C$9,C12)

or SUMPRODUCT:

=SUMPRODUCT(($A$2:$A$9=A13)*($C$2:$C$9=C13)*($D$2:$D$9))

D12 =SUMIFS($D$2:$D$9,$A$2:$A$9,A12,$C$2:$C$9,C12)

	A	B	C	D	E
6	Paper	XYZ	1-May	50	
7	Paper	ABC	1-Jun	12	
8	Paper	XYZ	1-Jul	13	
9	Pencils	XYZ	1-Aug	29	
10					
11	Product	Customer	Latest Date	Latest Price	Formula
12	Paper	ABC	1-Jun	12	SUMIFS
13	Paper	ABC	1-Jun	12	SUMPRODUCT
14					
15		**Latest Date** is array-entered formula			
16		Press **Ctrl + Shirt + Enter**			

Download the Sample File

You can download the sample file from the MIN and MAX Functions page on my website.

From <http://blog.contextures.com/archives/2013/11/19/using-max-if-with-multiple-criteria/>

Fwd: FW: Unique value count and extract

Wednesday, 21 December, 2016 16:38

Subject	**Fwd: FW: Unique value count and extract**
From	dgaubin@gmail.com
To	Aubin, Duane G /JC
Sent	Wednesday, 21 December, 2016 16:37

---------- Forwarded message ----------
From: "Aubin, Duane G /JC" <aubin.duaneg@syncrude.com>
Date: Mar 17, 2016 09:21
Subject: FW: Unique value count and extract
To: "yourexcelguy@gmail.com" <yourexcelguy@gmail.com>, "MyEvernote (dgaubin.b3b3a@m.evernote.com)" <dgaubin.b3b3a@m.evernote.com>
Cc:

Added some clarifying notes below…

Duane Aubin
M&IS Forecaster
Syncrude Canada Ltd.
o. 780.788.6563
m. 780.381.0524
Sharepoint: *Data Shop* | *Materials and Inspections Services*

From: dgaubin@gmail.com [mailto:dgaubin@gmail.com] **On Behalf Of** Duane Aubin
Sent: Wednesday, March 16, 2016 7:41 PM
To: Aubin, Duane G /JC <aubin.duaneg@syncrude.com>
Subject: Unique value count and extract

This shorter cleaner formula =IFERROR(INDEX(List,MATCH(0,INDEX(COUNTIF($T$2:T2,List),0,0),0)),"")
appears to do the same thing with less system overhead.
Still, it's good to know how to count unique values with SUM(1/countif(range,range)).

From: Aubin, Duane G /JC
Sent: Tuesday, March 18, 2014 3:27 PM
To: 'yourexcelguy@gmail.com'
Subject: count and extract unique values
Email into myevernote

First thing to do is make the list from which we want to extract unique values a dynamic range (using the entire column including blanks screws up the formula).

Count unique values…

with Array formula

{=SUM(1/COUNTIF(List,List))}
http://www.excel-easy.com/examples/count-unique-values.html

Or good old sumproduct

=SUMPRODUCT((List<>"")/COUNTIF(List,List&" "))

(found at stackoverflow....but it doesn't seem to work)

Extract unique values

IFERROR(INDEXList,MATCH(0, COUNTIF($W$2:W2,List),0)),""))
http://www.get-digital-help.com/2009/03/30/how-to-extract-a-unique-list-and-the-duplicates-in-excel-from-one-column/

- Note above that the countif starts with the header row above the first entry of the formula, so, the formula in the first row under the header will have $W$2:W2

I brought them together in an array (CSE) formula on row 3 as

=IF(ROW()-2>SUM(1/COUNTIF(List,List)),"",IFERROR(INDEX(List,MATCH(0, COUNTIF($W$2:W2, List),0)),""))

- IF(ROW()-2: the 2 is because I'm starting formula on row 3. That 2 is one less than the row on which I'm starting the formula.
- Adding the IF(ROW does two things elegantly – without it, there will be a 0 after the last list entry, this gets rid of that. Also, without this, all the rows with formulas beyond the bottom of the list will be errors – adding IFERROR gets rid of that, but adds another function; using IF(ROW simply shows nothing once the formula runs down below the last entry of the list. Slick.
-
- Regards,

Duane Aubin
Mildred Lake, Bldg 775
e. aubin.duaneg@syncrude.com
m. 780.381.0524

Dynamic range for save as or print

Thursday, 29 December, 2016 13:19

This was used in the Pipe WearWatch Inspector Data Entry Facility, so as Inspectors click checkbox to add an image page.

Cool thing is, the range I created can be entered into print_area (hmm, what if someone automatically changes print area, does that eliminate the range? Yep. So, when setting this up, create a newly named range and use that for saving. If controlling the print range is critical, protect the sheet from user changes (which it already kinda does, although the users are the owners…)

I got the below at http://stackoverflow.com/questions/5324537/excel-macro-dynamically-set-print-area

Excel Macro - Dynamically Set Print Area

1 I have a table with a fixed number of columns, but the number of rows vary week on week. Is there a macro I can create to set the print area automatically of this table?

excel vba excel-2007

shareimprove this question edited Mar 17 '11 at 1:44

Lance Roberts
14.8k2485119

asked Mar 16 '11 at 11:20
Vin
101236

add a comment

4 Answers

activeoldestvotes

2 I would combine a dynamically resizing named range with a VBA method.
First create a named range, MyNamedRange: (Assuming your table begins at $A$1 and your table has headers)

```
=OFFSET(A1,0,0,COUNTA(A:A)-1,COUNTA(1:1))
```

Then just execute a line of VBA:

```
ActiveSheet.PageSetup.PrintArea = "MyNamedRange"
```

shareimprove this answer answered Mar 16 '11 at 11:33

Stephen Collins
1,11442147

add a comment

From <http://stackoverflow.com/questions/5324537/excel-macro-dynamically-set-print-area>

Specific range for worksheet change event

Thursday, 29 December, 2016 14:07

I built my first version of this for Norman Brown years ago.

Modified per below for Base Mine Master Log, works flawlessly

```
Private Sub Worksheet_Change(ByVal Target As Range)
' A worksheet change event triggers when any part of a worksheet changes.
' I only want a date entered automatically in Column C when info is entered in Column B

'This change event is entered into the sheet code, not a workbook module.
'(In top left pulldown menu, select "Worksheet" and in top right pulldown menu, select "Change")
' Written by yourexcelguy@gmail.com Duane Aubin, 2005-2014

Dim c As Range
Application.EnableEvents = False
On Error GoTo Exit_Sub

'If there's no Business Unit identified, do nothing
If Intersect(Target, Range("B:B")) Is Nothing Then
   GoTo Exit_Sub

Else
   'When an Inspector Name is entered in column B...
   For Each c In Intersect(Target, Range("B:B"))
      If c.Value <> "" Then
         '...enter the date in column E...
         c.Offset(, 4) = Date
         'And then move cursor to the Internal/External column (a nice touch... as long as the incident
         'column remains 6 steps to the right, that is)
         ActiveCell.Offset(0, 3).Range("A1") = "External"
         ActiveCell.Offset(0, 8).Range("A1").Select
      Else
         'If the Name in column B is deleted, then delete the date in column E
         c.Offset(, 3).ClearContents
         c.Offset(, 4).ClearContents
         c.Offset(, 5).ClearContents
         c.Offset(, 6).ClearContents
         c.Offset(, 8).ClearContents
         c.Offset(, 9).ClearContents
      End If
   Next c

End If


Exit_Sub:
Application.EnableEvents = True

End Sub
```

Speedometer graph in Excel

Tuesday, 10 January, 2017 14:09

I tried this one in my Ergonomics Tracking Tool
https://www.extendoffice.com/documents/excel/2349-excel-create-speedometer-or-gauge-chart.html#a1

But I think this one would be better.
http://www.instructables.com/id/Speedometer-Graph-in-Excel/?ALLSTEPS

VBA to pull data from SAP

Tuesday, 07 February, 2017 12:17

This idea could be quite handy in due time.

http://stackoverflow.com/questions/19452461/vba-pulling-data-from-sap-for-dummies

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VBA pulling data from SAP for dummies [closed]

3
8

Does anyone know how to use VBA to pull data from SAP Netweaver?
I have a number of daily reports that require exporting data from SAP to Excel and formatting it into a report. I have already written working VBA macros that do the formatting. I have to manually extract the data and run each report macro individually. So much time could be saved if my macro could just go into SAP, grab the data for report #1, format it, grab the data for report #2, etc.
I work with SAP NetWeaver (Release 730, Version 7300.1.3.1079). The reports are just Excel pivot tables and charts.
Thanks!
excel vba excel-vba sap netweaver

shareimprove this question edited May 21 '15 at 19:53 AndASM 2,511926 asked Oct 18 '13 at 14:42 S M Perron 1273517

closed as off-topic by Jean-François Corbett, Sam, gunr2171, user1803551, TylerH May 21 '15 at 13:37

This question appears to be off-topic. The users who voted to close gave this specific reason:

- "Questions asking us to **recommend or find a book, tool, software library, tutorial or other off-site resource** are

off-topic for Stack Overflow as they tend to attract opinionated answers and spam. Instead, describe the problem and what has been done so far to solve it." – Jean-François Corbett, Sam, gunr2171, user1803551, TylerH

If this question can be reworded to fit the rules in the help center, please edit the question.

1	You don't specify the product you export data from (SAP is a company that ships a gazillion of products - which one are you talking about?). You don't specify what reports or what reporting technique you base your formatting on. It's hard to answer this question without more information. – vwegert Oct 18 '13 at 15:18

add a comment

1 Answer

activeoldestvotes

19

This all depends on what sort of access you have to your SAP system. An ABAP program that exports the data and/or an RFC that your macro can call to directly get the data or have SAP create the file is probably best.
However as a general rule people looking for this sort of answer are looking for an immediate solution that does not require their IT department to spend months customizing their SAP system.
In that case you probably want to use SAP GUI Scripting. SAP GUI scripting allows you to automate the Windows SAP GUI in much the same way as you automate Excel. In fact you can call the SAP GUI directly from an Excel macro. Read up more on it here. The SAP GUI has a macro recording tool much like Excel does. It records macros in VBScript which is nearly identical to Excel VBA and can usually be copied and pasted into an Excel macro directly.

Example Code

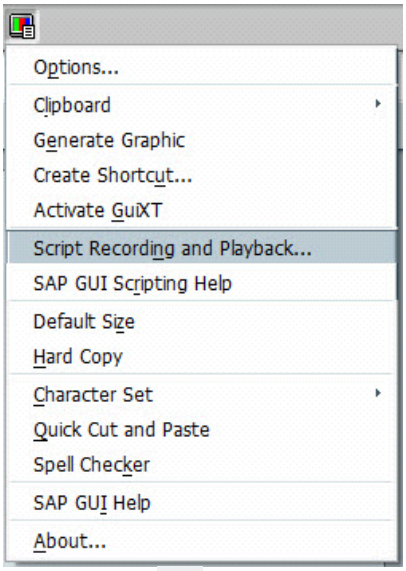
Here is a simple example based on a SAP system I have access to.

```
Public Sub SimpleSAPExport()
  Set SapGuiAuto  = GetObject("SAPGUI") 'Get the SAP GUI Scripting object
  Set SAPApp = SapGuiAuto.GetScriptingEngine 'Get the currently running SAP GUI
  Set SAPCon = SAPApp.Children(0) 'Get the first system that is currently connected
  Set session = SAPCon.Children(0) 'Get the first session (window) on that connection
'Start the transaction to view a table
  session.StartTransaction "SE16"
'Select table T001
  session.findById("wnd[0]/usr/ctxtDATABROWSE-TABLENAME").Text = "T001"
  session.findById("wnd[0]/tbar[1]/btn[7]").Press
'Set our selection criteria
  session.findById("wnd[0]/usr/txtMAX_SEL").text = "2"
  session.findById("wnd[0]/tbar[1]/btn[8]").press
'Click the export to file button
  session.findById("wnd[0]/tbar[1]/btn[45]").press
'Choose the export format
  session.findById("wnd[1]/usr/subSUBSCREEN_STEPLOOP:SAPLSPO5:0150/sub:SAPLSPO5:0150/radSPOPLI-
SELFLAG[1,0]").select
  session.findById("wnd[1]/tbar[0]/btn[0]").press
'Choose the export filename
  session.findById("wnd[1]/usr/ctxtDY_FILENAME").text = "test.txt"
  session.findById("wnd[1]/usr/ctxtDY_PATH").text = "C:\Temp\"
'Export the file
  session.findById("wnd[1]/tbar[0]/btn[0]").press
End Sub
```

Script Recording

To help find the names of elements such as `wnd[1]/tbar[0]/btn[0]` you can use script recording. Click the customize local layout button, it probably looks a bit like this:

Then find the Script Recording and Playback menu item.



Within that the `More` button allows you to see/change the file that the VB Script is recorded to. The output format is a bit messy, it records things like selecting text, clicking inside a text field, etc.

Edit: Early and Late binding

The provided script should work if copied directly into a VBA macro. It uses late binding, the line `Set SapGuiAuto = GetObject("SAPGUI")` defines the SapGuiAuto object.
If however you want to use early binding so that your VBA editor might show the properties and methods of the objects you are using, you need to add a reference to `sapfewse.ocx` in the SAP GUI installation folder.

shareimprove this answer edited Oct 28 '14 at 19:51 answered Oct 18 '13 at 18:29

AndASM
2,511926

	Thanks! I'm going to do some experimenting with Script Recording today. For what I'm trying to do, it sounds like the best op tion (especially since the SAP DB I work with is owned by a customer and their IT depatment isn't going to do anything on my behal f). – S M Perron Oct 21 '13 at 13:47
	The link you provided to the SAP GUI Scripting page had a lot of info on writing scripts, but I couldn't find anything about how to call the SAP GUI with VBA. I'm assuming I can't just copy/paste the script verbatim. Is there a specific reference library I should en able? Do I need to declare variables like SapGuiAuto? – S M Perron Oct 21 '13 at 18:05
1	You should be able to copy the script verbatim. The script is using late binding. I'll edit the answer with details on early and late binding for this. – AndASM Oct 24 '13 at 15:25
	I found and fixed a typo in the code that would prevent it from running. Funny that no one has commented on that :) – AndASM Oct 28 '14 at 19:51
1	Here's another good page that shows how to enable the Script Recording and Playback menu item. Script Recording & Playback for Dummies – Profex Nov 14 '14 at 16:50

show **2** more comments

protected by Community♦ Aug 21 '14 at 19:31

Thank you for your interest in this question. Because it has attracted low-quality or spam answers that had to be removed, posting an answer now requires 10 reputation on this site (the association bonus does not count).

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From <http://stackoverflow.com/questions/19452461/vba-pulling-data-from-sap-for-dummies>

Sharepoint alt text for reliability data facility

Monday, 01 May, 2017 11:02

Reliability schematic.bmp

(ISNUMBER(FIND($S14,$E$12:$E$93))))Excel search for string within range using COUNTIF with asterisk or SUMPRODUCT with ISNUMBER(Find/Search)

Tuesday, 23 May, 2017 14:02

Using nifty contains control in SUMPRODUCT which I found at http://www.excelforum.com/showthread.php?t=467144

When doing contains with fixed values in SUMPRODUCT, I can use RANGE="*criteria*"...but when referencing a cell, while "*"&cell&"*" works for countif, it does not work in SUMPRODUCT. But FIND and SEARCH work well per below

=SUMPRODUCT((--(ISNUMBER(FIND($S14,$E$12:$E$93))))*($F$12:$F$93=W$13))

This then finds cells that contain (include while not limited to) whatever is in S14; and FIND is case-sensitive; for non-case-sensitive, use SEARCH.

(ISNUMBER(FIND(criteria,range))))

(ISNUMBER(search(criteria,range))))

dynamic print area (no code)

Tuesday, 30 May, 2017 13:01

Two different approaches, used in...

- Pipe WearWatch Inspector Entry Facility Sensitivities report sheet
- Welder Percent Log Summary-Welder sheet

...neither of which required any code to manipulate.

Inspector Entry Facility

The data for the report fills one page. But, we do not know if or how many images the Inspectors may want to add.

So, we set up a table with hard-coded row numbers, selected by check boxes on the report, allowing the user to check the first box below the bottom of page one to extend the print range to the 2nd page; at the bottom of page 2 to extend print range to page 3, etc., for five pages.

And, the Print_Area is driven by the output of the page selection in indexing the page table. Kinda nifty in how it eliminates the need for the user to fiddle manually with the print area.

Welder Percent Log

First, figure out how to define the bottom row. In Welder Percent Log, we

- Created a named range (SWBottomRow) with the formula
- =ROW('Summary-Welder'!$D$9)+COUNTA('Summary-Welder'!$D:$D)

Then, we used that named range in the following offset formula to define the sheet's Print_Area range

- =OFFSET('Summary-Welder'!$B$1,0,0,SWBottomRow,COUNTA('Summary-Welder'!$10:$10))

So now, when the code runs to update Summaries, whatever data lands on the sheet automatically defines the range. And, if they download 700 rows and filter it down to 45, or 72, or 293, the range will automatically move that "blue boundary" visible on the print outline view, eliminating the need for the user to have to manually fiddle with the print area.

On this Summary page, we also set some leftmost columns for each page, and the left and right side of the data with a page break, so that all pages on left data columns prints first, then all pages on right data columns, with pagination in footer. Slick.

It's literally one button to print (provided they have a default printer that handles 11x17 paper; I can't remember if we overrode the two-sided printing for one sided only, but if we didn't, the user can do so by using Excel's print dialog.

Projects On

Thursday, April 03, 2014 3:50 PM

Truck Cracking Tracker

Friday, January 02, 2015 7:36 AM

Heavy Duty (Truck) Inspectors
Aurora North: Chadwick Samson
Mildred Lake: Wayne Adams (Rick Piche retired)

I:\BRICKLIN\COMMON\Mtce\trucks\Inspection\Aurora\Truck Tracking.xlsx

I:\BRICKLIN\COMMON\Mtce\trucks\Inspection\Aurora

I:\BRICKLIN\COMMON\Mtce\trucks\Inspection\Aurora\Trucks

Do historical analysis of two units

- **17-506**
  - I:\BRICKLIN\COMMON\Mtce\trucks\Inspection\Aurora\Trucks\2014\17-506
- **17-535**
  - I:\BRICKLIN\COMMON\Mtce\trucks\Inspection\Aurora\Trucks\2014\17-535

RE Frame Mapping

Hi Duane, please see the link below in the original message for the Excel 'database' we developed for the P&H carbodies. I think we would be looking for something very similar (filterable list) that has a line item for each individual crack. Ideally, the compartment column would be replaced with a drop-down box with the categories from the inspectors' "Trending" worksheet found here. From there, I think we should come up with a strategy to get more specific on what area the crack is found in (bottom-outer radius, pump drive mount, 9:00 from RHS, quadrant A, etc.), as well as add additional columns, such as whether the crack is critical, if it has been repaired & re-cracked, propagated or stable. A tracking tool like this could also help in monitoring the frame when we are performing frame swaps.

Here's a link to another worksheet that I was using to develop a carbody fatigue enhancement scope for use during major rebuilds. Please keep in mind this document was not intended to be shared so it is very unorganized & unfinished. This would be the type of analysis needed to justify implementation of structural improvements, such as the 797F style torque tube that I mentioned.

Another idea that may not be well-received as valuable enough is to incorporate the different categories of castings into the SAP hierarchy so that we can easily track costs & repair history.

--
Matt Yurkiw
Mechanical Engineer (EIT)
*Office: (780) 715-**9527***
Cell: (780) 370-6551

RE Frame Mapping

Hi Duane, my holidays were great and 2015 is starting smoothly with lots of work to do. I hope you had a good break as well.

I would like to change 17-555 to a unit from Fleet IV, if possible. Fleet VI (17-555) has much fewer hours, and fleet IV is much closer in serial number to our Australian frames that will be used in the next RLE program starting in 2016.

Fleet IV: 17-529 to 17-539 plus 17-111	SMU: 74219 to 65145
Fleet V: 17-553	SMU: 42281
Fleet VI: 17-554 to 17-561	SMU: 43169 to 36861

Let me know what you think.

Thanks,

--
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From: Yurkiw, Matthew /J
Sent: Wednesday, December 10, 2014 8:39 AM
To: Campbell, Brent /J
Subject: Frame Mapping

Hey Brent, Gary was asking yesterday if you will be at our Functional Excellence meeting next Tuesday. He wishes to talk about the frame mapping for a truck or two; essentially having the complete crack history compiled together for a frame. I suggested we work together to develop a file similar to this one for the P&H carbodies:

I:\GEO\COMMON2\Maint&Rel\Mobile Machinery WIP\personal work folders\Nadine Kelly\Carbody\Carbody Cracking Review\P&H carbody individual crack loaction review

I spoke to Chad about it earlier this year and he started a tracking sheet that does not override the previous information, but there would still be a lot of manual effort to go through past history. I'll be out in the shop for a bit but we can talk later if you'd like.

--
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250-2S10S01

Inspection Data - Outage or Break-in Work Done

				Reliability	Inspectors	Repairs					
Location	SPI-5 / Stripes	Type	Date	Scope	Work Done	Repair 1 H x W	Passes	Material	Repair 2 H x W	Passes	Material
				Replace	Inspect + Repair 4" x 24" 2 pass 7018 and 10" x 18" 2 pass TungCoat E (MX February 19, 2014) ; Replaced on mini due to hydraulic failure						

Note the following

- Spools was scoped for Replace
- Was not replaced, was repaired
- Subsequently
  - spool failed...or, did it? (what is "hydraulic failure" and does this apply to this spool?)
  - was replaced during a mini outage

The optimized WearWatch record trail would be:

- Outage/Break-in entry
  - Type: Outage
  - Scope: Replace
  - Work Done: Inspect + Repair
- Sensitivity entry: hydraulic failure (Leak?)
- Outage/Break-in entry
  - Type: Break-in
  - Work done: Replace

And perhaps should have prompted the question: why did we not replace as per scope? If the answer is "there was no new spool available", then the spool should have been
- replaced with used spool
- put on Sensitivity list for replacement by break-in as soon as new spool was available
- Replaced with new spool by break-in

Subject	**RE: Definition of an Inspection Save**
From	Aubin, Duane G /JC
To	Fisher, Dion /J; Romanow, Michael /J; Ralph, Perry /J; Wu, Lin /J; Chaudhry, Aamir /J; Callin, Jim /J; Liao, Barry /J
Sent	Thursday, 15 October, 2015 17:19

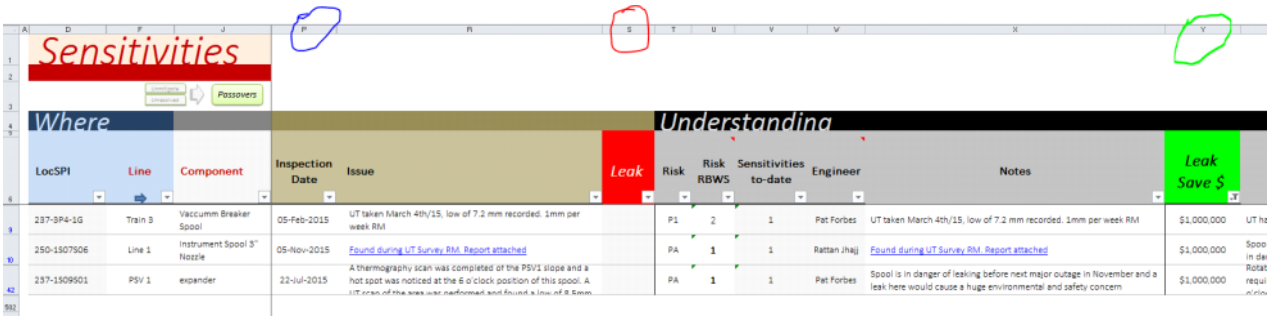
Pursuant to Dion's email, I've added two new columns to the

Sensitivities

List.

Leak Saves

"Leak Save $" is now in column Y, after the "Notes" column in the "Understanding" phase of the process. Given that Dan specifically refers to a leak being "*identified*" (which is to say, neither "mitigated" nor "resolved" yet), we will track dollars saved against the Inspection Date (column P) when it was discovered; the Notes column should reflect understanding between M&IS and Engineering that it was indeed a leak save, and the dollar amount of the save should be entered in column Y.



Sensitivities

Passovers

Where						Understanding					
LocSPI	Line	Component	Inspection Date	Issue	Leak	Risk	Risk RBWS	Sensitivities to-date	Engineer	Notes	Leak Save $
237-3P4-1G	Train 3	Vaccumm Breaker Spool	05-Feb-2015	UT taken March 4th/15, low of 7.2 mm recorded. 1mm per week RM		P1	2	1	Pat Forbes	UT taken March 4th/15, low of 7.2 mm recorded. 1mm per week RM	$1,000,000
250-1507506	Line 1	Instrument Spool 3" Nozzle	05-Nov-2015	Found during UT Survey RM. Report attached		PA	1	1	Rattan Jhajj	Found during UT Survey RM. Report attached	$1,000,000
237-1509501	PSV 1	expander	22-Jul-2015	A thermography scan was completed of the PSV1 slope and a hot spot was noticed at the 6 o'clock position of this spool. A UT scan of the area was performed and found a low of 8.5mm		PA	1	1	Pat Forbes	Spool is in danger of leaking before next major outage in November and a leak here would cause a huge environmental and safety concern	$1,000,000

Please note – the three spools in the image above were identified as leak saves, but we did not assign dollar values, so I entered $1M as a placeholder.

Inspectors – please provide real valuations for these, thanks.

Leaks

We also need to track leaks. If "leak" or "hole" appears in the Issue column R (which is usually populated with descriptions I get from an inspection report or email) describing a sensitivity, a "1" will automatically be entered in the Leak column S.

Summary

On the Summary page, we now show all the above by month. Other stats (by line, by material, by risk severity…) can be collated if required.

Mitigation Rate , rolling

	Added	LACD	NATD	Mitigated	Carried	Mitigation Rate	Leak Saves (Count)	Leak Saves ($)	Leaks
Jan-2015		0	0				0	$0	0
Dec-2015		0	1				0	$0	0
Nov-2015		0	0				1	$1,000,000	0
Oct-2015	0	0	12	2	-2		0	$0	0
Sep-2015	4	0	1	3	1	75%	0	$0	2
Aug-2015	3	1	2	1	2	33%	0	$0	2
Jul-2015	2	2	5	6	-4	300%	1	$1,000,000	2
Jun-2015	0	2	8	5	-5		0	$0	0
May-2015	6	3	8	6	0	100%	0	$0	3
Apr-2015	3	3	3	10	-7	333%	0	$0	0
Mar-2015	5	0	0	3	2	60%	0	$0	1
Feb-2015	6	0	0	9	-3	150%	1	$1,000,000	0

Regards,

Duane Aubin
M&IS Forecaster
Syncrude Canada Ltd.
o. 780.788.6563
m. 780.381.0524
Sharepoint: *Data Shop* | *Aurora North Extraction and Tailings*

From: Fisher, Dion /J
Sent: Thursday, October 15, 2015 3:48 PM
To: Aubin, Duane G /JC; Romanow, Michael /J; Ralph, Perry /J; Wu, Lin /J; Chaudhry, Aamir /J; Callin, Jim /J; Liao, Barry /J
Subject: Definition of an Inspection Save

Hey Folks,

After talking to some of you as well as some discussion about tracking saves with Duane, the question has come up about what is a save. In 2011, Dan Lines defined what an "Inspection Save" is. Saves need to be documented for the monthly report including the cost of your savings.

Other types of saves are welcomed to be tracked and will help support your EADS documents (interval changes, changes in inspection techniques/programs that save money, etc).

Dion Fisher
Aurora Extraction & Tailings Inspection Team Leader
Materials & Inspection Services
Syncrude Canada Ltd.
PH: 780-715-9786
CELL: 780-215-6570
Mail Drop: A500
fisher.dion@syncrude.com

This email is privileged and contains confidential information intended only for the person(s) named above. Any unauthorizedreview; distribution, copying, disclosure or other use of or the taking of any action in reliance upon this information is prohibited If you received this in error, please contact the sender.

From: Baghlani, Hamid
Sent: Thursday, August 25, 2011 10:12 AM
To: Fisher, Dion; Granger, Donavon; Hutchings, Timothy; Kelly, Trevor; Michaud, Damien E (QA); Thoppil Prakasan, Sajith
Subject: FW: Definition of an Inspection Save

fyi

From: Rainville, Pierre
Sent: Tuesday, February 15, 2011 9:48 AM
To: Baghlani, Hamid; Fitzgerald, Dave; Mazerolle, Ron; Sand, Chris; Chaudhry, Aamir; Conner, Gavin ; Donahue, Collin; Fierro, Alex; Kelly, Trevor; LeFresne, Marcel; Ralph, Perry; Romanow, Michael; Butler, Jake; Chen, Yi; Derksen, William; Facey, Lucas; Ford, Cody; Michaud, Damien E (QA); Palanca, Gilbert; Persson-Riess, Nathan; Somerville, Kim; Wojtkiewicz, Bart; Drapeau, Patrick; Mccarthy, Neil; Mirza, Ijaz; Mirza, Kashif; Narayanaswamy, Venkataramadas; Van Camp, Erin; Bailey, Jesse ; Bailey, Shaun; Bolton, Lindsay; Brake, Harold; Callin, Jim; Carr, Mike; Haskewich, Mel J; Kelly, Melissa; Maclellan, Ryan; McNall, Rick; Muncaster, Jim; Snook, Perry; Tang, Tom (Shunxue); Urbina, Mariana; Walsh, Gerard; Williams, Rick V; Wooddisse, Rory
Cc: Rimmer, Paul
Subject: FW: Definition of an Inspection Save

Hello all.
We have been asked to report "Inspection Saves".
Here is the definition of an Inspection save. Please report inspection saves to your Team Leader.
Team Leaders will report Inspections Saves to Paul Rimmer on a monthly basis.

-----Original Message-----

From: Lines, Dan

Sent: Monday, February 14, 2011 12:48 PM

To: Reghenzani, Pablo; Rainville, Pierre; Rimmer, Paul; Richert, John P; Anderson, Michael

Cc: Crozier, Chris

Subject: Definition of an Inspection Save

Hello,

Please find below the definition of an inspection save for our scorecard entry.

"An inspection save is an equipment condition proactively identified by Materials Engineering or Inspection which, had it not been found, would have led to an injury, damage or a loss of containment incident prior to the next inspection period. An inspection save is typically associated with a follow-up to other incidents at the site, significant industry incidents, changes in operation or other circumstances that trigger an increase in the inspection scope or frequency. An inspection save may also include an unexpected finding during normal inspection monitoring."

Thank you,
Dan Lines
Chief Inspector
Syncrude Canada Ltd.
Ph.: 780-792-3129
Fax: 780-790-4551
Cell.: 780-799-0706
lines.dan@syncrude.com
Syncrude Use Only unless otherwise specified: This communication including any attached files is intended for the use of the recipient to which it is addressed, and may contain confidential, personal and/or privileged information. Please contact the sender immediately if you are not the intended recipient of this communication. Do not copy, distribute, or take action relying on it. Any communication received in error, or subsequent reply, should be deleted or destroyed.

23-2-4-57

Monday, 23 January, 2017 13:27

23-2-4-57

Master Spool List

5% 50% 25%

Where Location				Wear Driver																					
Site	Line/Section	Stripes	Location	Minimum Thickness mm	TML	Clock Position	1 Latest	2 Latest	3 Latest	4 Latest	5 Latest	6 Latest	7 Latest	8 Latest	9 Latest	10 Latest	11 Latest	12 Latest
ML	System 2	23-2TD52056D	23-2-4-57		10	8:00	1.23	1.53	1.61	1.71	1.61	1.40	3.96	3.94	2.01	-0.95	-0.45	3.09

Spool History

Toggle to view/hide Material Properties

Toggle to view/hide UT readings

Where Location						Inspect		UT Measurements													Work History			
SpoolID	Site	Line/Section	Stripes	Location	Replace Date	Action Date	Type	Hours	TML	1	2	3	4	5	6	7	8	9	10	11	12	Comment	Intervention	Plan	Scope	Work Done
1485	ML	System 2	23-2TD52056D	23-2-4-57		2016-Jul-25																	Outage		Inspect + Repair	Replace
1485	ML	System 2	23-2TD52056D	23-2-4-57	2016-Jul-25	2016-Aug-25		21,326	10	18.04	17.75	17.91	18.01	18.66	18.74	20.88	21.28	21.21	20.44	20.45	18.79					
1485	ML	System 2	23-2TD52056D	23-2-4-57	2016-Jul-25	2016-Sep-22		21,851	10	17.86	17.26	17.09	17.91	18.15	18.5		19.42	20.7	19.65	19.20						
1485	ML	System 2	23-2TD52056D	23-2-4-57	2016-Jul-25	2016-Oct-12		22,206	10	17.56	17.20	17.17	17.24	17.81	17.90	19.38	20.08	20.98	20.13	19.50	19.08					
1485	ML	System 2	23-2TD52056D	23-2-4-57	2016-Jul-25	2016-Nov-7		22,604	10	17.07	16.59	16.53	16.56	17.17	17.34	17.80	18.51	20.18	20.51	19.68	17.85					

A B C

237-2S11S14

Monday, 23 January, 2017 13:28

Line	Run Section	Location	SPI-5	Component	Description	Material	End Connection	Installation Date	Record Tally	Total Hours	Inspection Type	Inspection Date	Equipment Strategy	Scope (Plan)	Work Assigned at Outage Inspection
PSV 2	2	237-2S11S14	240-2-P-242S2G	Elbow	25 degree SD Elbow 305mm x 0mm Tangent	IRA30	LJ x SO		1/10		Outage	23-Oct-2010	Flip at 4000 hrs and replace at 8000 hrs	Replace	QA Replace (JK Oct 19, 2010 NS)
PSV 2	2	237-2S11S14	240-2-P-242S2G	Elbow	25 degree SD Elbow 305mm x 0mm Tangent	IRA30	LJ x SO	23-Oct-2010	2/10	4,246	Outage	3-May-2011	Flip at 4000 hrs and replace at 8000 hrs	Flip	QA-OK No Repairs Flip (MR May 5, 2011)
PSV 2	2	237-2S11S14	240-2-P-242S2G	Elbow	25 degree SD Elbow 305mm x 0mm Tangent	IRA30	LJ x SO	23-Oct-2010	3/10	8,034	Outage	30-Oct-2011	Flip at 4000 hrs and replace at 8000 hrs	Mainline Replacement	Replaced
PSV 2	2	237-2S11S14	240-2-P-242S2G	Elbow	25 degree SD Elbow 305mm x 0mm Tangent	IRA30	LJ x SO	30-Oct-2011	4/10	3,209	Outage	6-May-2012	Flip at 4000 hrs and replace at 8000 hrs	Flip	QA-OK FLIP (May 10, 2012)
PSV 2	2	237-2S11S14	240-2-P-242S2G	Elbow	25 degree SD Elbow 305mm x 0mm Tangent	IRA30	LJ x SO	30-Oct-2011	5/10	7,006	Outage	12-Dec-2012	Flip at 4000 hrs and replace at 8000 hrs	Replace	QA-Replace with scrap elbows set #2 Iracore repair 3-9 o'clock(JK December 12, 2012)
PSV 2	2	237-2S11S14	240-2-P-242S2G	Elbow	25 degree SD Elbow 305mm x 0mm Tangent	IRA30	LJ x SO	12-Dec-2012	6/10	4,048	Outage	17-Jul-2013	Flip at 4000 hrs and replace at 8000 hrs	Replace- CCO	Replace
PSV 2	2	237-2S11S14	240-2-P-242S2G	Elbow	25 degree SD Elbow 305mm x 0mm Tangent	IRA30	LJ x SO	17-Jul-2013	7/10	4,262	Outage	18-Feb-2014	Flip at 4000 hrs and replace at 8000 hrs	Replace	Replace
PSV 2	2	237-2S11S14	240-2-P-242S2G	Elbow	25 degree SD Elbow 305mm x 0mm Tangent	IRA30	LJ x SO	18-Feb-2014	8/10	3,596	Outage	26-Aug-2014	Flip at 4000 hrs and replace at 8000 hrs	Flip	QA-OK No Repairs flip end for end (MR September 1, 2012)
PSV 2	2	237-2S11S14	240-2P242S2G	Elbow	25 degree SD Elbow 305mm x 0mm Tangent	IRA30	LJ x SO	18-Feb-2014	9/10	7,876	Outage	1-Apr-2015	Flip at 4000 hrs and replace at 8000 hrs	Replace	QA-Repair inlet and rotate 180 (MR April 13, 2015)
PSV 2	2	237-2S11S14	240-2P242S2G	Elbow	25 degree SD Elbow 305mm x 0mm Tangent	IRA30	LJ x SO	18-Feb-2014	10/10	11,238	Outage	14-Oct-2015	Flip at 4000 hrs and replace at 8000 hrs	Replace	Replace

(above is from Excel blueprint; hours in current Data Centre need to be tweaked)

For spool 237-2S11S14, note:

1. This pipe was being replaced either
   a. on E/S at ~8,000hrs (30-Oct-2011, 12-Dec-2012); or
   b. before E/S at ~4,000hrs (17-Jul-2013, 18-Feb-2014)
2. Repair was introduced on 1-Apr-2015, downscoping from Replace per E/S and Scope
3. Elbow exceeded 11,000hrs safely. A few cycles of lives will justify updating E/S and planning for 12,000hrs (with perhaps repair scoped for each outage rather than just at 8000hrs)

250-2S00S03

Monday, 23 January, 2017 13:34

Location	SPI-5 + Stripes	Type	Date	Scope	Work Done
250-2S00S03	240-2-P-4851B	Outage	22-Apr-2016	Inspect + Rotate 180	Inspect + Rotate 180
250-2S00S03	240-2P4851A	Outage	14-Oct-2015	Inspect	Inspect
250-2S00S03	240-2P4851A	Outage	1-Apr-2015	Inspect	Replace with rubber lined spools
250-2S00S03	240-2-P-4851A	Outage	26-Aug-2014	Replace	Repair Nozzle 2"x4" 2 Pass Tungcote, No Rotate (RM/BG Sept 1 2014 N/S)
250-2S00S03	240-2-P-4851A	Outage	18-Feb-2014	Replace	Replace (MR February 18, 2014)
250-2S00S03	240-2-P-4851A	Outage	17-Jul-2013	Replace	QA Repair tele 3" x 4" 2 pass TungCoat E (MR July 18, 2013)
250-2S00S03	240-2-P-4851A	Outage	12-Dec-2012	Replace	Inspect , Rotate 180 (JK December 12, 2012)
250-2S00S03	240-2-P-4851A	Outage	6-May-2012	Replace	Replace (JK May 15 , 2012)
250-2S00S03	240-2-P-4851A	Outage	30-Oct-2011	Mainline Replacement	QA-Repair drain 3"x4" 2 pass Tung Coat E No Rotate (MR October 31, 2011)
250-2S00S03	240-2-P-4851A	Outage	3-May-2011	Replace	QA-Scope Down Rotate 180 (MR May 4, 2011)
250-2S00S03	240-2-P-4851A	Outage	23-Oct-2010	Replace with WCO	Replace with WCO

(above is from Excel blueprint; history in current Data Centre need to be filled out)

note the following:

- First, newest is sorted at top, oldest at bottom
- Hours will be attached in formal output
- Note how uniform is the actual replacement timing; the data shows that we need not scope for replacment every outage
- Yet, we had we been scoping replacement on every outage up to 2015; and then having to downscope during the outage; why plan to spend money we don't need to spend?

Good wear rates

Monday, 23 January, 2017 13:36

23-3-2-19

23-3-2-23

23-2-1B-33

Undercarriage notes

Friday, May 16, 2014 4:09 PM

1:48 PMMacrae, Shari /J
Hi Duane, This is Shari MacRae from Aurora Inspections, I was informed that you are the contact for building the undercarriage tracking sheets. I have a great program from P&H that you may want to look at.

3:17 PMAubin, Duane G /JC
Then I want to look at it Is it something you can email me, or should we plan a visit to your office next week so you can walk me through it? (I'm at Aurora next Wednesday, schedule wide open after 10am).

3:44 PMMacrae, Shari /J
Im going on holidays but I will have my computer with me. I will email it to you now. **Duncan Rivers also knows how to use the program.**

4:09 PMAubin, Duane G /JC
Have a great holiday!

Projects Squashed

Monday, October 06, 2014 12:09 PM

Welder Percent Log

Thursday, February 25, 2016 9:04 AM

Area Leader Blair Aylward

From: Van Camp, Matthew (Matt) /JC
Sent: Thursday, February 18, 2016 6:49 PM
To: Aubin, Duane G /JC <aubin.duaneg@syncrude.com>
Subject: Welder % log

Duane,

Got side tracked yesterday and this morning (update and this afternoon) with a few "things". Piss me off. Today is my last day. Bit busy. Back on Tuesday.

Here is what I have so far. I will try to explain…easier said than done. I'll send another email later possibly depending on how far I make it on this one I may just call.

1. Items in red are for drop down purposes. Easy squeezy.
2. So the % log variables are per SCL Spec are: Line Class / Weld Type / % NDE and it is all per welder. The line dictates everything. In the "Grey Zone" if we group line classes by RT% (we then reduce it to 5% or 10%) & weld procedure (materials welded) we accomplish the same result & reduce our costs on NDE. See the clip of W15-App.A

    a. the welder – now I have the welder on the sheet but we will have 1 sheet per welder so this column can be deleted (I hope)

    b. The RT % per Weld Type. Originally I had two columns…one for Weld Type and One for %RT. I think the way I have combined it is better as it eliminates a column. Reducing columns is very important for the simple reason it cuts down on used error and people are inherently lazy. The RT % as you see may be zero as some components can't be xray'd. For the RT% I think we need to pull the info from the RT date & passed columns. Not sure how we will handle tracking repairs yet. Few discussions required. Column's U-Z are for this purpose. So It's Weld Procedure-RT%-& …hum..lol..wow I need sleep. Total # of same welds.
    c. The MT/PT% is a line class requirement that is independent of RT% but is closely tied to it. Tracking is not required for repairs on MT/PT. RT yes. So again Weld Procedure - MT/PT % - total # of same welds
    d. K so the BHN thing at the end. I'll need to get back to you on that. But it's the same idea. Just it might come off. If we did it would be calculated from the identified drop down and the # of the same/or the date.

Out of time. Hope I was clear enough. Any chance you are making an appearance at base plant in the near future? Thing it would be good to meet on this once at the beginning here. I might ask Paul if I can visit up north if you are not coming down.

I'm consulting with some collogues to get input on this as well to hopefully fill me in on requirements and quirks to helpfully expedite this by allowing me to more effectively communicate with you (if that is even possible…lol)

LINE CLASS	BASE MATERIAL	PIPE WALL THICKNESS (in.) (25)	WELD TYPE (1)(15)	%RT (2)	%MT/PT (3)	PREHEAT ℃ (4)	WELD CONSUMABLE (5)	PWHT ℃ (25)
LM2B LM2D LM2E LM2H LM2J LM2L LM2N LM4B LM4D LM4L LM4N	5Cr-½Mo Low Alloy Steel P5B	0.5 max.	Threaded (10)	0	100	177	F4	750 ±10
			Socket	2	100	177	F4	750 ±10
			Butt	10	0	177 / 190	F6 / F4	750 ±10
			Branch	0	100	177 / 190	F6 / F4	750 ±10
			Attachment	0	100	190	F4	750 ±10
		0.5 +	Butt	10	0	177 / 230	F6 / F4	750 ±10
			Branch	0	100	177 / 230	F6 / F4	750 ±10
			Attachment	0	100	177	F4	750 ±10
MA2B MA2D	9Cr-1Mo Low Alloy Steel P5B	0.5 max.	Threaded (10)	0	100	177	F4	750 ±10
			Socket	2	100	177	F4	750 ±10
			Butt	10	0	177 / 190	F6 / F4	750 ±10
			Branch	0	100	177 / 190	F6 / F4	750 ±10
			Attachment	0	100	190	F4	750 ±10
		0.5 +	Butt	10	0	177 / 230	F6 / F4	750 ±10
			Branch	0	100	177 / 230	F6 / F4	750 ±10
			Attachment	0	100	177	F4	750 ±10
NC0B	Carbon Steel with 12Cr Clad	0.75 max.	Threaded (10)	0	5	10-175	F3 / F4 - F43	None
			Socket	2	100	10-175	F3 / F4 - F43	None
			Butt	10	100	10-175	F3 / F4 - F43 (19)	None
			Branch	0	100	10-175	F3 / F4 - F43 (19)	None
			Attachment CS	0	100	10-175	F43	None
NTXB NTXD	Dual Phase Stainless Steel	0.41 min.	Butt	5	0	25-100	F5	None
			Branch	0	5	25-100	F5	None
			Ring	0	5	25-100	F5	None
			Attachment CS	0	5	25-100	F5	None
PA0B PA0D PA0H PA0K PA0N	304/304L Austenitic Stainless Steel P8 (18 & 23)	ALL	Threaded (10)	0	5	10-175	F5	None
			Socket	2	5	10-175	F5	None
			Butt	5	0	10-175	F6 / F5	None
			Branch	0	5	10-175	F6 / F5	None
			Attachment SS	0	5	10-175	F5	None
			Attachment CS	0	5	10-175	F5 (E309)	None

Matthew Van Camp
SCL Quality Control
Team 30
PH:2629 LID: 3702
TEAM Industrial Services
TISI Canada Inc.

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Subject	**Access - Welders Percentage Log**
From	Van Camp, Matthew (Matt) /JC
To	Kelly, Heather /J; Sand, Christopher /J; Mackenzie, Amy /J; Aubin, Duane G /JC
Sent	Sunday, 15 January, 2017 17:16

Hello QC supervision,

The password used for the Welders Percentage Log spreadsheet is: **QCAdmin2017**

The work book is not password protected but the individual sheets are. The “Log” & “Control” Sheet are the only “protected” as they require input.

Duane locked this thing down very well. But if someone wants to mess with it they could. I highly recommend if you are not an Excel Super User, or a Computer Grande Puba, do not allow others to make changes to the sheet. There is a little bit of code written into this thing and the formulas are off the charts (in my mind anyway) so one wrong move and …..

Another email as to the status of the sheet and location will be issued soon.

Matthew Van Camp
Sycrude M&IS Inspector
PH: 1 780 714 2629
TEAM®

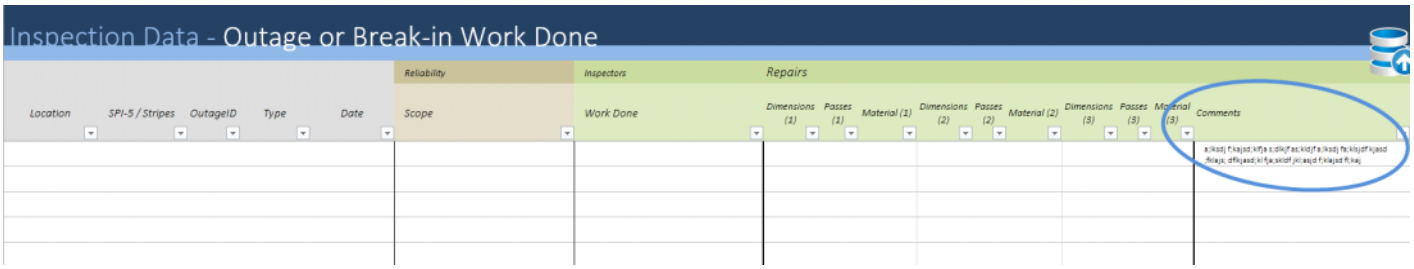
Demonstrating value for standardized work list

Monday, 21 November, 2016 10:03

Standardized Work List

It was discussed with team leader level

Our Inspection Facility tool does accommodate open comments



We have found, however, that standardizing the entries requires 85% less time to enter. In other words, for every hour spent entering data with just open comments, better cleaner more usable information can be entered in 9 minutes.

Standardization supports a system that can measure several aspects of our business more objectively and provide insight that was previously inaccessible. The use of data now to support Reliability business cases can empower them to produce more accurate Equipment Strategies, based on real pipe conditions, to further control costs and long range planning.

Spools to remove

Tuesday, 21 February, 2017 15:43

23-3-11A-10

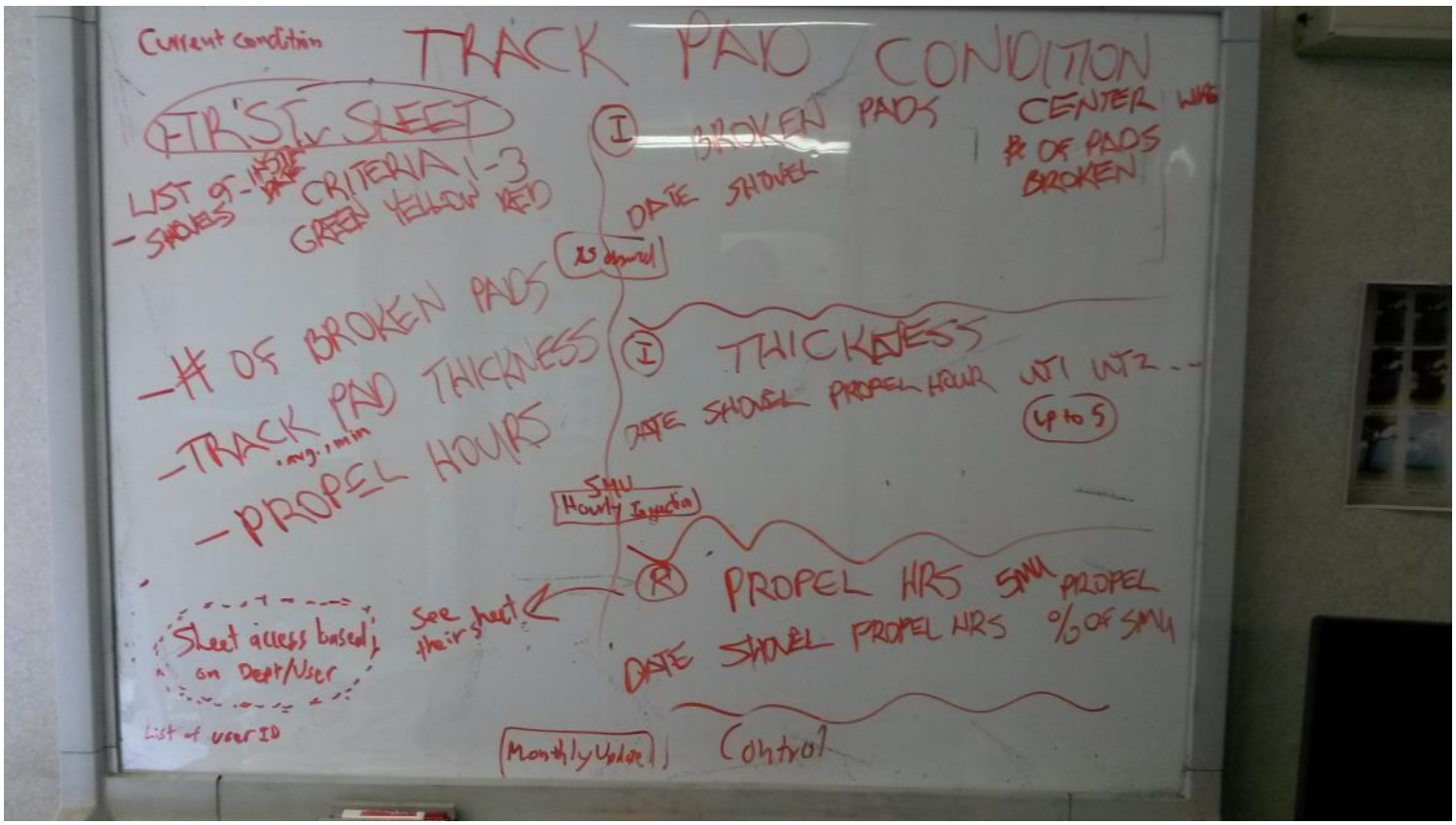
New Folder Access Permissions

Thursday, 23 February, 2017 18:41

Users	*Access*
Paul Rimmer	Read-Write
Richard Reis	Read-Write
Raoul Breytenbach	Read-Write
Jason Burley	Read-Write
Nainesh Patel	Read-Write
Kayla Frampton	Read-Write
Denise Smalling	Read-Write
Michael Romanow	Read-Write
Blaine Grigo	Read-Write
Dylann Savoury	Read-Write
Eddieberto Dawe	Read-Write
Aamir Chaudhry	Read-Write
Andrew Clarke	Read
Rattan Jhajj	Read
Laolu Tubi	Read
Jeffrey Jones	Read-Write
Duane Aubin	Read-Write

Hugh Roth, Shovel Track Pad Condition

Thursday, July 10, 2014 4:39 PM



Paul Rimmer, Job File Reconciliation Tool (JFRT)

Thursday, June 12, 2014 11:35 AM

JFRT
IW39 - Priority column P, all the "As" and "1s" are break-in; we want the metrics on the frequency (count) and portion of portfolio (percentage) presented on the Working Sheet.

Bind all email how-to's and fix documentation into a JFRT Manual, save to a folder and send me the link in order to put on SharePoint

RE JFRT Questions

RE Master - JFRT v1...

Charlene Holden, Database or Excel Report

Friday, March 07, 2014 4:03 PM

I:\KIRK\COMMON\Leak Tracking

1. Master Leak Trends Report/Master Leak Trends DEV
   Folder: \\NA.XOM.COM\Dfs\SYN\KIRK\COMMON\Leak Tracking\Master Leak Trends Report\
   File: Master Leak Trends DEV

2. Stewardship Reports/2014/IMS Trending Charts/Year End-2013
   Folder: \\NA.XOM.COM\Dfs\SYN\KIRK\COMMON\Leak Tracking\Stewardship Reports\2014\IMS Trending Charts\
   File: Leak Trends - IMS DEV

Subject	**Database or Excel Report**
From	Holden, Charlene /J
To	Aubin, Duane G /JC
Sent	Friday, March 07, 2014 12:51 PM
Attachments	Pressure Boundary ... Master Leak Tren... 12-December 2013 F... 12-December 2013 F... 12-December 2013 Fi... 12-December 2013 S... Leak Trends - IMS Year... Master Inspectio... GRS

	Master Inspectio...
	GRS Financial ...

Hi Duane…

Monday, March 3, 2014, we had a meeting with Sean Carbery & Jeffrey Jones to discuss the opportunity of having a Database or Excel Report created… From that meeting is was decided that an example of this reporting system would be created so that the functionality of it could be tested…

For your review… I have attached some of the reports that we generate throughout the year… and have provided mainly for 2013… so it gives you a bit of a flow…

My main job … where a lot of this reporting starts… is to monitor and report on process related/high consequence leaks…

This is what my job entails…

I generate a report from IMPACT ERM (Incident Reporting Program) and record the data into the following reports:

- Pressure Boundary Leak Report (see attached **Pressure Boundary Leaks from December 23rd - 28th, 2013**)… this report is generated throughout each month (report is within the email)…
- Master Leak Report (see attached **Master Leak Trends 2013**)… data from the Pressure Boundary Leak Report is transferred over to this report (pretty much copy/paste)…

At the end of each month I provided the following reports (listed as attached):
12-December 2013 Final Leak Count
12-December 2013 Final Water Leak Count-REV2
12-December 2013 Final Tube Leak Count

While the IMS Leak Trends report (see attached **Leak Trends – IMS Year End 2013**) was once completed quarterly… starting in 2014… we will be reporting every 6 months… and then a yearly/YTD report… This report is generated from the incidents recorded in the Master Leak Trends report… Additional input (EDDs & Buckets) is retrieved from the Metallurgists… you will find a list of the EDDs & Buckets in the **Leak Trends – IMS Year End 2013** report …2nd to last tab… Note: the last tab 'Calculations' was just created/utilized for manual tallying…

As per the **Master Inspection & Leak Saves 2013** report… I receive submissions via email from Leads/Inspectors for any monthly saves… and enter the information into the report… (usually copy paste to some extent)…

I haven't worked with the **GRS Financial Risk Inventory 2013**… A good person to chat to about this report would be Krishna Vardan (780-790-**5608**)…

Any who… I hope this helps…

Feel free to contact me if you have any questions/concerns… additional contacts, if I'm not available:
Ron Kastner, Inspection Advisor – Materials & Inspection Services)780-790-**6749**)
Paul Rimmer, Area Leader Materials Engineering & Inspection Services (780-790-**5855**)

Thank you in advance for your assistance…

Charlene Holden
Pipe & Leak Coordinator
Piping Integrity Team
Materials & Inspection Services
Syncrude Canada Ltd.
Mildred Lake, Building 41B, 2nd Floor, Cubicle 2100
Fort McMurray, Alberta T9H 3L1
Office: 780-714-2901
Fax: 780-792-2202

Holden, Charlene /J
Hey Duane - I have an email that I'll be sending off to you... contains quite a few attachments that may be large enough to fill up your email memory allowance... ;o) is it ok if I send it to you right now? can call me if you like... 2901
12:51 PMAubin, Duane G /JC
Hey Charlene, sure, please do send them.
12:51 PMHolden, Charlene /J
k... will do
it's coming your way
12:59 PMAubin, Duane G /JC
Got it. Can we set up a time when we can sit together so you can narrate a click-through of your current process?

Fort McMurray, Alberta T9H 3L1
Office: 780-714-2901
Fax: 780-792-2202
MD: 2005
Email: holden.charlene@syncrude.com

k... will do
it's coming your way
12:59 PMAubin, Duane G /JC
Got it. Can we set up a time when we can sit together so you can narrate a click-through of your current process?
1:01 PMHolden, Charlene /J
sure... do you want to set it up? so far my schedule is pretty good... less Thrusday, March 13 morning... ;o) will you be coming over here?
1:01 PMAubin, Duane G /JC
Yep, I'd come over to you at 41B.
1:02 PMHolden, Charlene /J
This way... if we need Ron, Paul or Krishna they are just around the corner
great... do you know where we are located?
P.S. I can schedule if you give me the day & time that works best...
maybe you wanna plan it for the afternoon? especiall if you catch the bus home... ;o)
1:05 PMAubin, Duane G /JC
Your idea to plan it for the afternoon in order to catch the bus is brilliant, I like your style But I work 10hr days so I wouldn't leave at 4:30.
1:07 PMHolden, Charlene /J
aww.. whatever works for you then... I'm in usually by 8 am... unless we have issues like Wednesday... ;o)
1:10 PMAubin, Duane G /JC
Let's aim for sooner than later. Monday, I'm available through the afternoon only. Tuesday wide open. Wednesday I'm up at Aurora.
1:11 PMHolden, Charlene /J
Monday & Tuesday are both wide open for me
1:11 PMAubin, Duane G /JC
Cool, send me a meeting invite. I'm just heading into a meeting with Sean. I'll accept as soon as I'm back.
1:12 PMHolden, Charlene /J
what time
I'm game if you want to swing by first thing in the morning...
2:31 PMAubin, Duane G /JC
Invite accepted, see you Monday after lunch. Have a refreshing weekend.
2:32 PMHolden, Charlene /J
U2!! supposed to be beautiful!!... ok.. ok.. well at least warmer...
2:51 PMAubin, Duane G /JC
I'm acclimatized now - in these parts, anything above -12 is beautiful indeed.
2:51 PMHolden, Charlene /J
lol
where u from originally?
2:52 PMAubin, Duane G /JC
Toronto - I relocated in July. You?
2:53 PMHolden, Charlene /J
TO?? that's it?? you should b used to cold from there... I'm a Northern Gal since 1984... Lower Mainland, BC before that... ;o)
Born in Windsor, ON tho... lol
2:55 PMAubin, Duane G /JC
You've travelled, good on you. Yeah, Toronto's notorious for its damp cold; when it's -14 in Toronto it's gotta be -26 here to feel the same sense of coldness. When it
its -12 here, in Toronto it'd be like -2ish.
2:58 PMHolden, Charlene /J
;o) but like you said... damp cold... same as Lower Mainland... I don't like damp cold... chills one to the bone...
ok... so I'll cya Monday afternoon then... be good... have a great weekend!!
2:59 PMAubin, Duane G /JC
'kay!

Saroj Tapas, Rejections

Thursday, June 19, 2014 5:29 PM

Data Integrity

- Cleaning up
  - Dates
  - Names
  - Areas

- Functions used
  - LEN
  - RIGHT
  - LEFT
  - MID
  - SUMPRODUCT

Report building

Data Layout

- Streamlined Rejections listing from monthly tabs to one tab for all with date/month columns to filter
- Reporting by Inspector, and by area, by month, in real time using SUMPRODUCT (as data is updated from IDM3 to the Rejections sheet, report updates automatically in real time

Hugh Roth, Pipe wear monitor

Tuesday, April 08, 2014 4:26 PM

Syncrude
Securing Canada's Energy Future

Pipe Wear Watch

	Peak Range - All Data			Peak Range - Previous 600hrs		Base Width - All Data	General Wear Range - All Data
23-4-1-007-362ft Run:2	↓	0.77	ok (below)	↓	ok	✓	✓
23-4-1-016-864ft Run:1	↓	0.08	ok (below)	↓	ok	✓	✓
23-4-1-020-100ft Run:2	↓	0.79	ok (below)	↓	ok	✓	✓
23-4-1-028-030ft Run:2	→	0.85	ok (within)	↓	ok	✓	✓
23-4-1-043-120ft (R2) Run:2	→	0.93	ok (within)	→	ok	✓	✓

Lin Wu

Monday, May 05, 2014 10:23 AM

Set up sheet to make autofilter more useful

Existing file to fix:
I:\QUANTUM\COMMON\Reliability\Inspection Team\Inspection scope\Train 3\piping\Train 3 12 inch Slurry Recycle Tracking-New.xls

Put the DEV file in
I:\QUANTUM\COMMON\Reliability\Inspection Team\Inspection scope\Train 3\piping

Sean Carbery - OT budget tracking

Thursday, June 12, 2014 3:18 PM

Jim Callin, 5-day response tracking/flagging

Thursday, April 24, 2014 9:28 AM

Put the DEV file for the below file
I:\KIRK\COMMON\Quality Control\Piping Procurement Inspection Group\VENDOR DOCUMENTS\VendorRFIs & NCRs\RFI's\RFI track sheet.xlsx

In the below folder
I:\KIRK\COMMON\Quality Control\Piping Procurement Inspection Group\VENDOR DOCUMENTS\VendorRFIs & NCRs\RFI's

Krishna Patel, Leakbox Unit ID formatting

9:29 AM

QLOG Leakbox formatting challenge
For some annoying reason, the unit number keeps getting formatted as a date, even after formatting sheet as text before pasting data.

QLOG LEAKBOX ...

<file://\\SYNDAT11\DA171765$\Sync\Donell Reports\QLOG Leakbox unit format fix.xlsx>

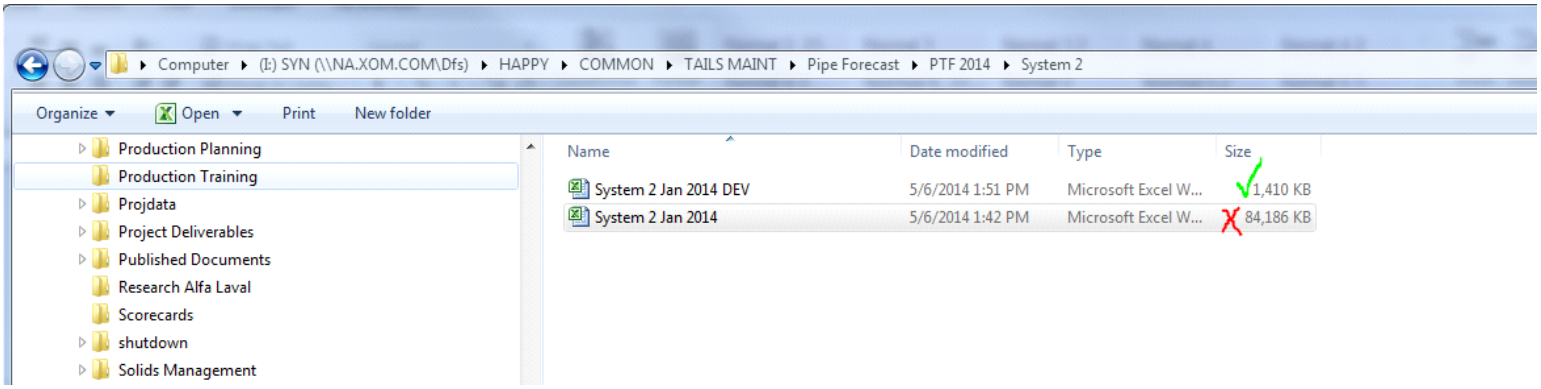
Fixed

- format as text the column in which the Unit is going to land when pasted; then
- **paste special-keep destination formatting**, *not* source-formatting

Rosalie Usher - file size optimization

Tuesday, May 06, 2014 1:32 PM

Not sure why these sheets are being saved with 25,000 extraneous rows… 95MB workbooks; the first of which was reduced to a 900KB file. Going through all her system workbooks to replicate the result.



Lynda Friesen Master Log/Compliance Update, Phase I

Thursday, April 03, 2014 3:46 PM

I've already started working on this.

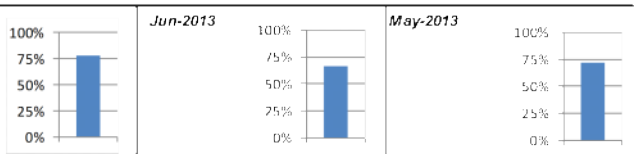
- The **Master Log** (Base Mine and Aurora) is to make life easier for the inspectors (through control sheet, validation, simplified and accelerated data entry);
- getting that data updated into Lynda's **monthly compliance report** is where her life gets tons easier. The manual process for updating is tedious copy/paste of data that should update automatically in real time.

Links

Links to complian...

Syncrude
Securing Canada's Energy Future

ITP Compliance, Base Mine
Rolling 3mths



	3mth Total			Jul-2013			Jun-2013			May-2013		
Department	Issued	Completed	Completion Rate	Issued	Completed	Completion Rate	Issued	Completed	Completion Rate	Issued	Completed	Completion Rate
Bucket (BKT)	0	0		0	0		0	0		0	0	
Piping (P)	1	1	100%	1	1	100%	0	0		0	0	
Shovel Electrical (SE)	12	12	100%	7	7	100%	3	3	100%	2	2	100%
Shovel Mechanical (SM)	2	1	50%	0	0		1	0	0%	1	1	100%
Shovel NDT (SNDT)	16	9	56%	5	2	40%	8	5	63%	3	2	67%
Trucks (TR)	1	0	0%	0	0		0	0		1	0	0%
Totals	32	23	72%	13	10	77%	12	8	67%	7	5	71%

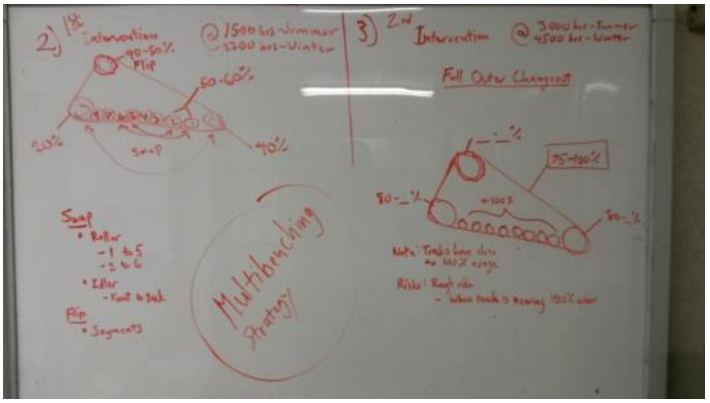
Jason Burley activity tracking and reporting tool

Friday, March 21, 2014 1:29 PM

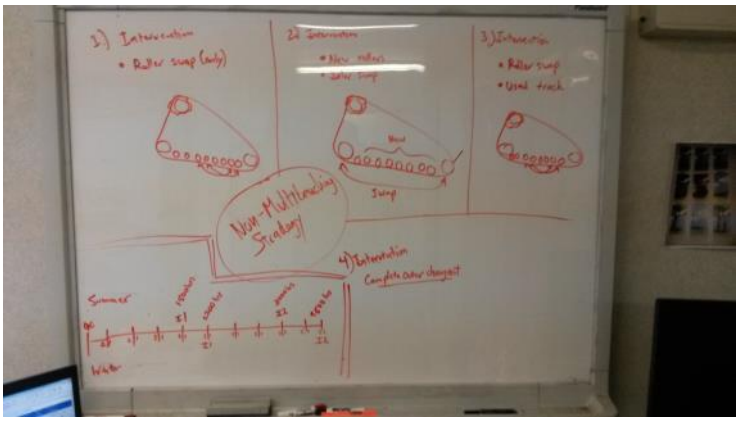
- set up a few simple countifs and autofilter to get him started
- would like to add the auto-today stamp code at some point

Sean Carbery, Undercarriage Maintenance Strategy presentation

Thursday, July 10, 2014 5:13 PM



a



Sean Carbery, Super Compliance

Thursday, April 24, 2014 2:07 PM

This somewhat ties to the Compliance sheet that Lynda updates.

Sean had hoped this report would go away but his boss, John, reactivated it...which suits me fine, of course - for the company's sake, all this data should talk together; for my sake, the opportunity to build it for them is valued and appreciated.

I built it for Brent, works fairly well.

Eddie Dawe

Thursday, May 22, 2014 3:05 PM

Communicator session - file compression / disk space recovery

Sylvia Piercey

Thursday, May 22, 2014 3:06 PM

Communicator session - page break preview/specific page print selection

Piercey, Sylvia /JC
i have a question
hello, Hal?
Lol

2:56 PMAubin, Duane G /JC
:-) Go ahead…

2:56 PMPiercey, Sylvia /JC
i have 196 lines on a spreadshett,
i hide 60.
i want to print only the remainder
of the list.

2:59 PMAubin, Duane G /JC
Yes, printing just what is showing can be done for sure…

2:59 PMPiercey, Sylvia /JC
page layout?

3:01 PMAubin, Duane G /JC
Actually, it might be helpful to first go to View tab and select the Page Break Preview...

3:01 PMPiercey, Sylvia /JC
ok

3:02 PMAubin, Duane G /JC
The solid blue line shows what's within and outside the print range. Any dotted blue lines show where the page breaks are. You can physically "grab" the edges of either and move them almost at will.

3:03 PMPiercey, Sylvia /JC
done that..there are 21 pages, i want only the first page...
on file print select pages 1
:)

3:03 PMAubin, Duane G /JC
Ah, ok, so now you have choice; you can A) only print 1 of 21 pages...Yes!
Or, you can B) grab the bottom of the blue border and drag it up to where you want it, so that there's only one page in the entire print view, and print that.

3:05 PMPiercey, Sylvia /JC
omg...
i feel so much smarter than when i woke up this morning...
lol

3:06 PMAubin, Duane G /JC
Good on you.

3:07 PMPiercey, Sylvia /JC
arigato..

thank you. that was great.

3:09 PMAubin, Duane G /JC
I just learned a new word (had to look up "arigato"). So, arigato back atcha.

Jim Callin

Thursday, May 22, 2014 3:09 PM

Communicator session - understanding autofilter vs. in-cell drop-down validation

Adrian Curry

Thursday, May 22, 2014 3:13 PM

SMS text support clarifying the yellow exclamation mark on xlsm files (as opposed to standard xlsx files)

Cheryl Hobbs

Monday, January 12, 2015 10:28 AM

RE spreadhse...

From: Aubin, Duane G /JC
Sent: Tuesday, December 30, 2014 12:05 PM
To: Hobbs, Cheryl /JC
Subject: RE: spreadhseets

Hi Cheryl, Sean emphasized that this should be less about "me doing it" and more about brushing up your Excel chops, so we should schedule regular sessions (half-hour or so) via Communicator/speakerphone in order to go through both general Excel and job-specific concepts at a manageable ("sane") pace.

Re: Saves Totals

Specific concepts I can see that can make things work better on this include:

- Conditional formatting
- Dates
- flat file database layout
- Data Validation
- Control Lists (Static, dynamic) - useful for Data Validation
- Various counting and summary functions (COUNTA, COUNTIF, SUMPRODUCT)
- Various referencing functions (INDEX, MATCH)

Re: Compliance

We should talk through

- What has been done, to-date, to make this easier/faster/more accurate
- What else we can do to make this easier/faster/more accurate
- What information needs to be captured/summarized and how/when/to whom info is to be disseminated.

Schedule

I'm thinking at least two half-hour sessions per week, Monday and Wednesday (or, Tuesday/Wednesday). If that jives with you, let me know if we should get started tomorrow or Friday. Or, what else have you in mind?

Cheers, Duane

Regards,

Duane Aubin
M&IS Forecaster/Analyst
Syncrude Canada Ltd.
o. 780.788.6563
m. 780.381.0524

From: Hobbs, Cheryl /JC
Sent: Tuesday, December 30, 2014 10:42 AM
To: Aubin, Duane G /JC
Subject: spreadhseets

So, Sean was in my office when I was working on the Saves "Totals" page and said you can make that flow easier……..

K:\BRICKLIN\COMMON\Mtce\Shovel\Inspections\Administrative\Inspection SAVES

And he also talked about the Compliance being simplified

K:\BRICKLIN\COMMON\Mtce\Shovel\Inspections\Administrative\Sean's\SECTION 1\COMPLIANCE\2014\Nov_2014 Mine Mobile Compliance.xlsx

Cheryl Hobbs
Senior Administrator, Section 1

Syncrude Canada Ltd.
Materials & Inspection Services – Mining
Mildred Lake & Aurora
780-790-8554 MD 0011
hobbs.cheryl@syncrude.com

Nick's piping presentation to Business Team

Wednesday, April 29, 2015 7:21 AM

- Currently, "Mission run based management"; inspectors are good at collecting data, but how we store it isn't efficient/accessible.
- Decisions made during outage do not benefit from historical data insight
-

"*How many repairs and how big, on average, are they, on mild steel?*" Yes, we could slice the data by repair history/material/frequency/etc. Interesting. This also illustrates the strength of a desktop approach - we can consider new questions and query the data in a timely manner.

slkjadahlfjdf

Projects mtg - two teams

Tuesday, October 27, 2015 2:39 PM

OIMS 6.4 for Paul to consider with respect to Sensitivities being resolved through the Notificaiton --> workorder --> work completion.

How do we assess "probability"?

Timelines

- Pipe wear merging (Aurora/Mildred)
- Plant 5 spools

Meeting rhythm/pace was...off...didn't cover all the material in a timely manner.
These presentations are (as far as I can imagine) less about the technical functionality than it is about how these tools contribute to these leaders' business. Instead of focusing on the input methodologies, we should focus on the outputs, the information gleaned from the data that drives better decision-making.

In preparing for meetings like these, go over this with Jeffrey (he might see it differently, would like to know if such is the case) so we're communicating consistently.

By the same token, it might be good for them to see how much goes into what we're doing…?

Master Log/Compliance Update, Phase II

Wednesday, April 09, 2014 9:20 AM

This will be a more major overhaul to bring everything into Access.

Previously Lynda Friesen was key person; she quit, it's now Cheryl Hobbs

Lynda Friesen Master Log/Compliance Update

Scott Blake, MOC Reporting

Tuesday, July 21, 2015 12:13 PM

[7/21/2015 11:10 AM] Blake, Scott /J:
Duane, I have a request. Could you please take 30min/1hour to look into the following MOC reporting tool and user guide to see what it would take to have this set up for our section (and possibly all M&IS.)
[7/21/2015 11:10 AM] Blake, Scott /J:
http://synteam1.na.xom.com/sites/SYNTES04/MOC%20Reports/Forms/ERE%20Overview.aspx

[7/21/2015 11:28 AM] Aubin, Duane G /JC:
On it.

From: Aubin, Duane G /JC
Sent: Thursday, August 13, 2015 2:36 PM
To: Blake, Scott /J
Subject: MOC Reporting

Hi Scott,

A few weeks ago you asked me to look into http://synteam1.na.xom.com/sites/SYNTES04/MOC%20Reports/Forms/ERE%20Overview.aspx and comment on development for our Section.

I don't recall following up on this with you…the question is only the degree of availability of the source data for our group. If that information is consistently maintained and recorded somewhere, we can track it and report on it in a similar layout; or, if we better understand what we want the report to say, we can probably come up with a clearer way to display it.

Once I understand that, I'll be better able to advise on development time.

Regards,

Duane Aubin
M&IS Forecaster
Syncrude Canada Ltd.
o. 780.788.6563
m. 780.381.0524
Sharepoint: *Data Shop* | *Aurora North Extraction and Tailings*

Sean Carbery, Forecast layout revamp

Monday, October 06, 2014 12:10 PM

Sean has one sheet per month, having to reformat each sheet individually; and then some entries don't align with standard cost centre list when data is dumped in out of SAP. Of course, I'd look to set up

- a single -sheet data dump
- a sheet for forecast
- a summary sheet by month, by cost centre, forecast vs. actual
- some graphs to show forecast/actual

Jim Callin, Vendor optimization

Thursday, April 24, 2014 9:26 AM

1:47 PMTurmina, Fabio
Hi Duane, I'm with Access Admin, working on your request to grant you access to a Kirk folder... do you have a minute?
2:03 PMAubin, Duane G /JC
I certainly do. What's up?
2:25 PMTurmina, Fabio
sorry the delay...
unfortunatelly, due security restrictions, only the Server administrators can have Full access to all folders inside a Common share
could you please specify which folders you need?
2:25 PMAubin, Duane G /JC
OK...one moment...
2:28 PMAubin, Duane G /JC
The highest folder available to me in K:\KIRK\COMMON\Quality Control\Piping Procurement Inspection Group\VENDOR. And, if I need access to other folders, hope you don't mind me coming knocking again.
2:32 PMTurmina, Fabio
no problem...
we can grant access to "\\KIRK\COMMON\Quality Control" if you prefer
2:37 PMAubin, Duane G /JC
That'd be great, many thanks.
2:37 PMTurmina, Fabio
np
3:02 PMAubin, Duane G /JC
Muito obrigado, meu amigo.
3:07 PMTurmina, Fabio
de nada... =)

I:\KIRK\COMMON\Quality Control\Piping Procurement Inspection Group\VENDOR DOCUMENTS\Current Vendor Spreadsheets

Create new DEV file in this folder; stitch all these 38 files into the new DEV.

Sean Carbery, ITP/NCR forms expanding hold points and populating data sheet

Tuesday, July 15, 2014 2:15 PM

\\NA.XOM.COM\Dfs\SYN\BRICKLIN\COMMON\Mtce\Shovel\Inspections\QUALITY MANAGEMENT SYSTEM\Tier 4\BASE MINE\Mine Mobile\NDE\NDE ITPs\Base Mine SHVL NDE Blank Welding ITP bSNDT000.doc

Inspections Services Tablets

Monday, 06 March, 2017 15:23

Chris Sand had an idea some "five years ago" about inspectors using tablets in the field to enter an inspection into a form, snap pictures that attach to the record and upload directly to a database.

Currently, the VP Technical is interested in it, was talking to Danny Whitehead, whom Chris directed to talk to me/Jeffrey. I said to Chris that we (the Data Shop) has talked about this, too. It would require executive support because the feasibility would be tied directly to resource commitment (tablet purchase and set up, wifi out in the field, or at least a mobile wifi set up in each truck….?, etc.)

In the meantime, I found the below info, and it looks like the GETAC is the one to go with…the Panasonic Toughbook screen flaked out during drop test…while it booted right back up, flaking out alone is not cool.

The company does use Dell, so maybe we'd be obligated to first check what Dell offers…
http://www.dell.com/us/business/p/latitude-7202-tablet/pd?oc=cal12rw8pc

http://www.toptenreviews.com/computers/laptops/best-rugged-laptops/

http://www.computerworld.com/article/2882568/tablets/break-me-if-you-can-4-rugged-tablets-put-to-the-test.html

REVIEW: RUGGED TABLETS

Break me if you can: 4 rugged tablets put to the test

These four tablets -- three Windows and one Android -- will take a licking and keep on ticking.

By **Brian Nadel**

| Follow
Contributing Writer, Computerworld | MAR 3, 2015 3:30 AM PT

Credit: Panasonic

It's a cruel world out there for tablets: Every day, there's the possibility they will be dropped, knocked, spilled on or just shaken around. And that's just in a normal business day -- if you use your tablet outdoors, while traveling or in a work zone, the odds of a disaster go up precipitously.

In its report Mobile Device TCO Models for Line of Business Solutions, VDC Research estimates that the failure rate for conventional tablets in the workplace is 18% per year. That translates into roughly one in five systems failing at work each year.

"Unless you want to treat tablets as disposable, this failure rate should be unacceptable for businesses today," observes David Krebs, executive vice president at VDC Research. "By contrast, rugged tablets have been built for business use and have a 4% failure rate."

Rugged tablets offer reinforced frames, tough skins, watertight seals, hardened glass, soft corner bumpers and major components that are shock-mounted. In other words, if ordinary consumer tablets can be considered sports (or economy) cars, rugged tablets are tanks.

To see what the current state of the art is for rugged tablets, I gathered together three of the newest Windows-based worker-proof slates: the Mobile Demand xTablet Flex 10, the Getac F110 and the Panasonic Toughpad FZ-G1. I also tried out Samsung's Galaxy Tab Active, a reinforced Android tablet.

Article update: This review was originally published in March 2015. As of March 2016, some prices have changed; these have been updated. In addition, some specs may have changed.

Meeting a standard

The gold standard for ruggedness is the Military Standard 810G rating (also known as MIL-STD-810G), a set of

protocols that the U.S. Department of Defense uses to assess mobile computers. The 810G standard specifies a variety of trials, including 48-in. drops onto two inches of plywood over concrete, ill-treatment from temperature (high and low), and tests for resistance to humidity, altitude and vibration.

All three of the Windows tablets tested here meet the 810G drop standard. Two -- the Getac and Panasonic -- meet all the 810G requirements as well as the IP65 standard against intrusion by dust and jets of liquid. The Android-based Samsung Galaxy Tab Active (which is more of a ruggedized consumer tablet) isn't certified to meet any of the 810G standards but is certified to the IP67 standard, which means it can withstand dust and immersion in water.

Related: Business leaders: Let in the smartphones, tablets

The price for this robustness is that the systems are significantly larger and heavier than their consumer-oriented cousins. For instance, while the current 9.7-in. iPad Air 2 weighs just under a pound and is about a quarter of an inch thick, the smallest and lightest of the three Windows systems reviewed here is one inch thick and weighs twice as much.

The Galaxy Tab Active, at 1.1 lb., is closer to consumer proportions but is still heavier than less sturdy tablets such as the iPad Air 2 and Samsung's own 8.4-in. Galaxy Tab S, which weighs 10.37 oz.

There's another approach to making a tablet closer to being indestructible: Encase it in a protective cover that can absorb the shock of a fall and keep water out. However, the combined system and pad are often bigger and heavier than a fully rugged tablet. For instance, HP sells a version of its ElitePad 1000 tablet that is protected by a rugged plastic case; the tablet ends up weighing more than 3 lb. and is 1.3-in. thick.

Finally, protection doesn't come cheap -- most rugged systems can be priced at two or three times as much as their conventional cousins. "But getting a tablet meant for consumers is a false economy at work because it will likely cost more in the long run to use," says VDC's Krebs. "At work, a rugged tablet can quickly pay for its extra upfront cost."

MOBILE

Review: Rugged Tablets overview (2:39)

Brian Nadel shows us the four rugged tablets and demonstrates how he tested them.

In order to see how well these tablets operate in both normal and stressful conditions, I put each through a series of tests for ruggedness (during which they were dropped, shaken and soaked), performance, battery life, usability and so on. All the tablets survived with flying colors.

Getac F110

Easily the biggest, heaviest and most expensive of the tablets reviewed here, the Getac F110 is built to take a beating. The tablet has a textured polycarbonate case that's built on a firm magnesium frame; around its edge, polycarbonate and ABS plastic bumpers are molded into the case. The screen is made of Gorilla Glass II. The ports are covered, and there's a sealed docking connector on the bottom.

Getac

Getac F110

At 3.1 lb. and 1.0 x 12.3 x 8.1 in., the Getac needs a bit of muscle to carry it around. It's roughly a pound heavier than the Flex 10 or the Panasonic Toughpad, and is three times as heavy as an iPad Air 2. As a result, while carrying it, I frequently found myself looking for a table to work on. Getac offers an optional hand strap to help carry it and docks for your desk or vehicle.

The 11.6-in. display offers 1366 x 768 resolution. At 376 candelas per square meter, the Getac is brighter than the Flex 10 but 27% darker than the Panasonic. I also found it less usable in direct sunlight than the Panasonic.

The Getac has a tethered stylus that snaps into a recessed spot in the back of the unit. Because the bumpers rise 0.1 in. above the display, writing or drawing on the screen felt awkward at times. I much preferred the Panasonic's near-flush case.

On the right side is a port door that protects the Getac's USB 3.0, HDMI and audio connectors. It's the only one of the three to have a latch on the door to lock it shut.

In addition to an on/off button, a Windows button and one for locking the screen, there are keys for adjusting the volume and a programmable button for opening a specified app.

There's a forward-facing HD camera and a 5-megapixel back-facing camera. I tried the latter, and found that its images were sharp and clear; they can be GPS tagged for location, which can be helpful for a variety of employees, such as insurance adjusters or an oil rig repair crew.

There are a number of optional features that can be added to the Getac, including a micro-SD card slot, USB 2.0 or RS-232 serial ports, a barcode scanner and 3G/4G capability.

The tablet's Core i7 4600U processor runs between 2.1GHz and 3.3GHz and includes Intel's vPro security protocols; there's a Core i5 option that's about $200 less expensive. The review unit came outfitted with 4GB RAM but can hold up to 8GB; it comes with 128GB of internal SSD storage and is available with 256GB.

The Getac's two 2160mAh batteries kept it powered for 7 hours and 40 minutes of continuously playing HD videos from a USB key. That should be more than enough for a full workday of normal usage -- and you can change the batteries one at a time, something that few notebooks can do.

The system includes Windows 8.1 Pro and the company's own G-Manager software, which consolidates configuration settings and has a handy status screen that shows everything from CPU usage to the battery level.

The Getac F110 comes with a three-year warranty that includes accidental damage. (Assuming you need it; the Getac passed our torture test without a hitch.)

Bottom line
If your work requires a big-screen rugged tablet, then the Getac F110 is strong enough to provide years of reliable operations.

At a Glance

Getac F110
Price: $3,882 (Amazon price) or contact vendor
Pros: Large screen; good performance; dual battery packs; three-year warranty; vPro processor
Cons: Heavy; low-resolution screen; high price

MobileDemand xTablet Flex 10

While it could hardly be considered slim and light, Mobile Demand's xTablet Flex 10 comes close to mimicking a consumer tablet while remaining rugged.

Made of smooth polycarbonate plastic, the Flex 10's case feels solid. Inside, its major components are bolted together to form the equivalent of an internal frame. The system has a sealed docking connector and silicone tabs to keep dirt, water and dust out of its ports. There are soft silicone bumpers to protect it from drop damage, but they fit loosely at the corners and extend 0.2 in. above the screen, making it a bit awkward to work with the screen.

MobileDemand

MobileDemand xTablet Flex 10
At 1.0 x 10.8 x 7.4 in. and 2.0 lb., this is the smallest and lightest of the Windows rugged tablets and the easiest to carry around. I really liked the Flex 10's included hand strap, which attaches to the back of the unit and made it easier to hold and use the screen while standing. There's also a fabric handle that clips to small holes in the case.

The system's 10.1-in. screen (1920 x 1200 resolution) has chemically hardened glass and an oil-resistant coating that keeps fingerprints to a minimum (but seems to attract a lot of dust to the surface). Overall, the Flex 10's screen looked dull in direct sunlight compared to the others. It also was the least bright of the three Windows tablets (and roughly equivalent to the Galaxy Tab Active) at 322 candelas per square meter of illumination.

The speaker in the back is open to water seeping in; unlike the other two Windows tablets, the Flex 10 isn't IP65 rated. As a result, it is more appropriate for uses that involve only occasional outdoor activities or exposure to moisture.

The system's case has an on/off button, volume keys and a prominent Windows key on the bottom front panel (when holding the tablet horizontally); you need to firmly press your thumb on it to get it to work. The Flex 10 lacks the program start-up button that's on the other Windows tablets.

It comes with a front-facing HD camera and a back-facing 5-megapixel camera; there is no geo-tag feature for its images. I found that its video wasn't as clear as that offered by the others.

It leads in terms of ports: The Flex 10 comes with a micro SD card slot as well as one USB 2.0 and one USB 3.0 port. It also has an HDMI and an audio connector. There's a stylus that can be tethered to the unit. The unit itself doesn't have a slot for the stylus; instead, the tablet and the pen slide into a flexible cloth sleeve.

The review unit came with a quad-core Atom Z3770 processor that runs between 1.5GHZ and 2.4GHz; the

company is planning to move to the newer Z3775 processor within a couple of months. It was also equipped with 4GB of RAM and 64GB of SSD storage space.

After I dropped, spilled on and shook the system, the Flex 10 was unscathed, although the silicone edging came loose (but it was easy to push it back). The benchmark score of 537.6 was lower than that of the other two Windows systems I tested.

The Flex 10's 7400mAh battery powered the system for five hours and 15 minutes of continuous playback of videos from a USB key, the shortest of the three Windows tablets. It does have one advantage: It uses a micro-USB port for charging and comes with an AC adapter that's the smallest of the bunch.

It includes Windows 8.1 with Bing, and comes with a one-year warranty; an extra year of coverage costs $95.

Bottom line
The Flex 10 sells for an attractive $695. Although it's not as fast or as watertight as the other tablets reviewed here, for the money, the Flex 10 offers a good amount of ruggedness.

At a Glance

MobileDemand xTablet Flex 10
Price: $695 (vendor price)
Pros: Inexpensive; relatively small and light for this class of ruggedness; comes with strap and handle; charges via standard USB cable
Cons: Mediocre performance, relatively dull display

Panasonic Toughpad FZ-G1

Panasonic's Toughpad FZ-G1 provides the most protection per pound of the tablets reviewed here while delivering surprisingly strong performance.

That's because, rather than using a plastic skin, the Toughpad is built around a sturdy magnesium frame and case, while its major components have been flexibly mounted to absorb the shock of an impact. The tablet has a 10.1-in. screen made of Gorilla Glass II, sealed covers for ports and protective bumpers. It meets all the MIL-STD 810G tests and has an IP65 waterproof rating.

Panasonic

Panasonic Toughpad FZ-G1
At 0.9 x 10.9 x 8.4 in. and 2.2 lb., the Toughpad is well-balanced and relatively easy to carry and use. Just below the screen (if you hold it horizontally) are buttons for on/off and volume. There are also two buttons that can be programmed for any app; when the tablet is shipped, one is set to display Panasonic's Dashboard, which consolidates major configuration details such as battery level and camera status, while the other brings up the on-screen keyboard.

Its front-facing camera can capture 720p video, while the rear-facing camera can grab 8-megapixel images and has an LED flash for illuminating dark scenes. It delivered the sharpest images of the three; images can be GPS-tagged.

The Toughpad also led the three Windows tablets as far as the screen is concerned. The 10.1-inch display offers 1920 x 1200 resolution and was the brightest at 480 candelas per square meter of illumination. It handled being in direct sunlight the best with images that weren't washed out.

The screen can be used with gloves on, making it more practical for use in low temperatures and rougher tasks. Its bumpers protrude only slightly above the screen, making the Toughpad easier for writing, drawing or just checking off Web forms. It comes with a stylus that has a tether and a place to snap it into the back of the case.

It comes with a single USB 3.0 port, one HDMI port and one audio connector. The tablet also has a sealed docking port that includes connectors for 3G/4G antennas that can, if you need to, link to a vehicle's more powerful antennas.

The Toughpad is equipped with an Intel Core i5 4310U processor that runs between 2GHz and 3GHz. The review unit came with 8GB of RAM and 128GB of solid-state storage space; you can upgrade to 64GB of RAM and 256GB of storage space; self-encrypting drives are an option.

The Toughpad suffered no damage during the ruggedness tests; however, its screen went blank on two of the three 48-in. drops. In each case, the tablet restarted right away with no damage, although I did find that a little annoying.

With a 2,179.5 rating on the PerformanceTest 8 benchmark, it came in surprisingly close to the Getac's faster processor (likely a result of the Toughpad's additional RAM). On the downside, the tablet got noticeably hot at

times.

The Toughpad's 4400mAh battery pack powered the tablet for six hours and 11 minutes of continuous playback of videos from a USB key, which should translate to a full day of work. Panasonic has an optional 9300mAh battery pack replacement that sticks about 0.2 in. out of the slate's bottom.

Panasonic offers a variety of accessories for the tablet, including desk and vehicle mounting hardware, an optional RS-232 serial port, a bar code scanner, a smart card reader, a magnetic stripe reader, and a charger that can handle three batteries.

My favorite, though, is the $350 snap-on iKey Jumpseat Keyboard that can turn the tablet into a keyboard-centric notebook. It adds a USB port, is just as rugged as the tablet and has backlit keys. The combo weighs 4.2 lb.

Bottom line
Although its three-year warranty unfortunately doesn't include accidental damage, Panasonic Toughpad is a good choice for those who want a tablet that is as close to indestructible as is possible.

At a Glance

Panasonic Toughpad FZ-G1
Price: $1,750 (Amazon price) or contact vendor
Pros: Good performance; sturdy metallic case; high-quality display; screen flush with case, making it easier to use; variety of optional accessories
Cons: High price; tends to run hot

Donell Sander

Tuesday, April 15, 2014 5:16 PM

8:59 AM Sander, Donell /J
Hi Duane..... We met when you were helping Charlene automate reports ... I would like to talk to you about assisting my gals who do reporting to automate our reporting process.....
9:34 AM Aubin, Duane G /JC
Hey Donell, yes, it was a pleasure making your acquaintance. Please invite me to sit with you in your office this week to talk about what's needed and how I can help.
9:39 AM Sander, Donell /J
Hi Duane, I will invite you to a meeting early next week, oK, I am booked for rest of week and not here on Friday.. Looking forward to this discussion, my gals are excited!!
9:46 AM Aubin, Duane G /JC
Me too, looking most forward!

Stewardship - RC1/RC2 automatic assigning/counting

Working Copy_Bus...

Nice work thus far; done.

<file://\\SYNDAT11\DA171765$\Sync\Donell Reports\Working Copy_Business Team Stewardship 2014-03-31 DEV.xls>

Barry Smith

Friday, March 21, 2014 1:24 PM

Spoke with him 3/24/2014 . He needs coding tweaks. I'm not a programmer. But, as a non-initiate, I can look at the process with end-user eyes and help enhance the output if there's any value to that. He will discuss it with his team and follow up with me later in the week.

This likely isn't going to happen.

Krishna Patel, RC1/RC2 flagging

Thursday, April 24, 2014 9:30 AM

Neha Patel, Word form

Thursday, May 22, 2014 7:23 PM

Add document to Corporate QA/QC

Friday, 31 March, 2017 12:03

2017-03-31

- [ ] Paul Rimmer needs a document added to SharePoint
    - this table https://synteam1.na.xom.com/sites/SYNTES02/corporateqaqc/Manuals%20%20Procedures/Forms/AllItems.aspx
    - on this page https://synteam1.na.xom.com/sites/SYNTES02/corporateqaqc/SitePages/Home.aspx
- [ ] Waiting for Amy Mackenzie to send that document to me.

New question: if they set up Harmon.ie, could they email the document directly to this list itself?