

HPRT MEETING MINUTES

Staff Meeting

Honeywell Pressure Regulator Team (HPRT)

Friday, 09 February 2018

10:00 - 10:35 AM

Minutes recorded by: Myla Azofeifa

Meeting called by: Dr. David Trevas

Attendees: William McGinn, Alex Rustaey, Jordan Loos

Table 1 - Record of Meeting

10:00 AM	Begin Meeting <ul style="list-style-type: none">• Meeting called to order by initiation of Skype call• Topics:<ul style="list-style-type: none">○ Bellows Updates○ Turboexpander Updates○ Collaboration session	EGR 323
	Bellows Updates	
	Turboexpander Updates	
	Collaboration/Brainstorming	

Table 2 - Action Items (Tasks Assigned)

Tasks	Person Assigned	Due Date	Date Complete
Send Haley & Dave CAD package and sketches of the geometric modeling of the bellows valve area enclosure.	All	ASAP	
Update semester schedule and send to Haley & Dave.	All	ASAP	

Continue designing turbine concepts.	Alex Rustaey	02/02/2018	
Use Buckingham Pi Theorem to nondimensionalize the problem. Design circuit for the loading.	Yi Tong Zhang	02/09/2018	
Look into alternators and motors/generators.	Myla Azofeifa	02/09/2018	
Test bellow valve. → Lab will be open on Tu/Th when Dr. Trevas is in there for 495L. Planning on Thursday, sometime between 2:20-5:00pm.	Bill McGinn	02/09/2018	
Determine geometric model for the area enclosure. Talk to the math department; coordinate with Honeywell.	Jordan Loos	02/09/2018	
<i>Complete shop safety training. Must be done on a weekday at 9:30am. Contact Kellan Rothfus for more information.</i>	<i>Jordan Loos Bill McGinn Alex Rustaey Yi Tong Zhang</i>	<i>Spring 2018</i>	<i>Alex - 10/24/2017</i>

Next formal meeting: Friday, 16 February 2018, EGR 323, 10:00AM