



EMS 2020 Objectives & Targets
EPR Permits NP3433BC PC 4.1.5 & TP3535LH PC 4.2.1

2020 Review				
No	Individual Objectives	Responsibility	Actions	Achievements
1	<p>EHS Management System: Through 2020 Through ongoing assessment and review of the Rhymney Environmental management system which aims to continually improve the system and maintain registration to ISO 14001:2015. Continue the streamlining of the system procedures and processes. Deliver on a plan to achieve compliance with EHS training matrix.</p>	EHS	<ol style="list-style-type: none"> 1. BSI Audits scheduled for January and July. 2. Train a pool of internal auditors. 3. Internal audits taking place as per EMS audit schedule. 4. Streamline EMS procedures and processes. 5. Deliver training in line with EHS training matrix. 	<ol style="list-style-type: none"> 1. BSI audits were conducted as per plan – certification maintained. 2. Pool of internal ISO 14001 and 45001 auditors trained. 3. New internal audit schedule audits were conducted as per plan. 4. EMS procedures improved including compliance audit and inspection procedure as well as Environmental Aspects Review procedure. Site legal registers maintained by Cedrec on quarterly basis. 5. Training undertaken per EHS training matrix, however, focus mostly on mandatory safety training.
2	<p>Waste Management: Through 2020 Improve waste management by seeking a 3% reduction of total waste generated and decreasing general waste by increasing recycling (focus dry mixed recyclables). Also reduce hazardous waste focus on SMCA contaminated waste.</p>	EHS/ MANUF'G/ MSS	<ol style="list-style-type: none"> 1. Hold on site communications sessions around waste management and doing the right thing. 2. SMCA project to be undertaken to reduce SMCA contaminated waste. 3. Identify waste reduction projects and implement them. 	<ol style="list-style-type: none"> 1. Communications on updated waste management process held via townhall processes (digitally for majority of the year). 2. SMCA project was not completed during 2020 – much progress was made; however, this is now aiming to be completed by end Q1 2021. 3. Citric acid clean project significantly reduced bulk post-clean process liquid waste removal. 4. Site achieved a reduction of 2.5 % for total waste generated.

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				<p>5. Its also noted that site completed the installation of a chilled water loop system for process cooling meaning significantly less towns water used as well as less trade effluent generated. Comparison of use shows 26810m3 in 2019 to 16221m3 in 2020.</p>
3	<p>Energy Reduction: Through 2020 Monitor energy and reduce electricity consumption by 5% by identifying local projects, considering the start-up of the Capacity Increase Plant and the optimisation of facilities.</p>	ENG/EHS	<ol style="list-style-type: none"> 1. Continue to purchase electricity from renewable sources only 2. Identify local projects for electricity savings. 3. Undertake local projects 	<ol style="list-style-type: none"> 1. Electricity purchased from renewable sources only was maintained through 2020. 2. A local project to install a new more efficient HVAC system in Unit 2 was identified along with some LED lighting improvements. 3. The new HVAC system install was completed. 4. Site achieved a 4.85% reduction of electricity based of 2019 use.

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2021 Proposed Objectives and Targets

<i>No</i>	<i>Individual Objectives</i>	<i>Responsibility</i>	<i>Actions</i>	<i>Achievements</i>
1	<p>EHS Management System: Through 2021 Through ongoing assessment and review of the Rhymney Environmental management system aim to continually improve the system and maintain registration to ISO 14001:2015. Continue the streamlining of the system procedures and processes. Site will be seeking to improve its management of change system which will ensure all changes made give due consideration the environment aspects and site safety whilst reducing reliance on paper.</p>	EHS	<ol style="list-style-type: none"> 1. BSI Audits scheduled for January and July. January will be a recertification audit. 2. Upgrade site emergency response procedures to include training for staff at all levels. 3. Further streamline EMS procedures and processes. 4. Deliver training in line with EHS training matrix. 5. Implement upgraded digital management of change system. 	
2	<p>Waste Management: Through 2021 Improve waste management by seeking a 20% reduction of hazardous solid waste generated and decreasing general waste by increasing recycling (focus will be on dry mixed recyclables).</p>	EHS/ MANUF'G/ MSS	<ol style="list-style-type: none"> 1. SMCA project to be completed to reduce solid hazardous waste generation. 2. Communication on environmental awareness to be shared with site teams. 	
3	<p>Energy Reduction: Through 2021 Monitor energy and reduce energy consumption by 5% by identifying local projects, optimisation of facilities and improving on energy efficiency housekeeping.</p>	ENG/EHS	<ol style="list-style-type: none"> 1. Continue to purchase electricity from renewable sources only 2. Complete install of direct drive for Unit 1 air handling units. 3. Identify local projects for electricity savings. 4. Undertake local projects 	