Summary Statement of Professional Engineer CDR				
Competency Element	Summary of application of the element	Paragraph number		
PE1 KNOWLEDGE AND SKILL BASE				
		CE 1.1, CE 1.2, CE 1.3		
PE1.1 Comprehensive, theory-based understanding of the underpinning natural and physical sciences and the engineering fundamentals applicable	I contemplated the desired knowledge of physical and natural sciences and have implied it to the best of my	CE 2.2, CE 2.3, CE 2.5		
		CE 3.2, CE 3.3, CE 3.5		
to the engineering discipline.	abilities. I used all possible sources to do research for			
	increasing Gas Turbine			
	Efficiency.	CE 1.1, CE 1.2, CE 1.3, CE 1.6		
PE1.2 Conceptual understanding of the mathematics, numerical analysis,	Mathematics, numerical analysis, statistics and well-	CE 2.1, CE 2.2, CE 2.3, CE 2.5		
statistics and computer and information sciences which underpin	ordered use of computer and information sciences are chief	CE 3.2, CE 3.3, CE 3.5, CE 3.6		
the engineering discipline.	prominence in engineering. I have pragmatic all these skills			
	in the three projects			
	sufficiently.			
		CE 1.1, CE 1.2, CE 1.3, CE 1.6		
PE1.3 In-depth understanding of specialist bodies of knowledge within the engineering discipline.	From start to end and even after the employment of the projects, I was fascinated and established the knowledge I	CE 2.1, CE 2.2, CE 2.3, CE 2.5		
		CE 3.2, CE 3.3, CE 3.5, CE 3.6		
	had united during my studies has been effectively applied. I			
	proposed that flow can be			
	reduced to the stage 2 nozzle which implied executing a			
	smaller Stg 13 extraction line			
	orifice.			

PE1.4 Discernment of knowledge development and research directions within the engineering discipline.	The projects mentioned in three episodes were realized after inclusive study and scrutiny. I asked technician to hook up ADRE so that I can capture steady state & shutdown data to perform	CE 1.2, CE 1.3, CE 1.6, CE 1.7 CE 2.1, CE 2.2, CE 2.3, CE 2.5 CE 3.2, CE 3.3, CE 3.5, CE 3.6		
PE1.5 Knowledge of contextual factors impacting the engineering discipline.	All the projects were based on exhaustive research and information.	CE 1.2, CE 1.3, CE 1.6 CE 2.1, CE 2.2, CE 2.3, CE 2.5 CE 3.2, CE 3.3, CE 3.5, CE 3.6		
PE1.6 Understanding of the scope, principles, norms, accountabilities and bounds of contemporary engineering practice in the specific discipline.	Displayed prevalent considerate of the projects and took the principal role, keeping in view all the associated disciplines. I anticipated that the first critical phase was to make design calculation & simulate different scenarios of turbine modes to observe the effect of IGV angle change on machine.	CE 1.2, CE 1.3, CE 1.4, CE 1.6 CE 2.1, CE 2.2, CE 2.3, CE 2.5 CE 3.2, CE 3.3, CE 3.5, CE 3.6		
PE2 ENGINEERING APPLICATION ABILITY				
PE2.1 Application of established engineering methods to complex engineering problem solving.	In these projects, I applied renowned engineering methods to resolve glitches. I concluded that I can increase the angle of all 6 GT's by implementing Opflex Airflow suite.	CE 1.7, CE 1.16 CE 2.6 CE 3.6, CE 3.15		

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DE2 2 Elyant application of	The deep that I impulsed out of	CE 1.7, CE 1.10, CE 1.12, CE 1.16
PE2.2 Fluent application of engineering techniques, tools and	The does that I implied were trustworthy, while promising	CE 2.5, CE 2.6, CE 2.7, CE 2.8
resources.	thoughtful use of accessible resources. I performed	CE 3.7, CE 3.9, CE 3.10, CE 3.13
	analyses for dealing with high	
	wheel space temperature.	
		CE 1.7, CE 1.8, CE 1.9, CE 1.16
PE2.3 Application of systematic	I followed a logical gradient to	CE 2.5, CE 2.6, CE 2.7, CE 2.8
engineering synthesis and design processes.	make designs outstanding and significant. With the help of	
processes.	simulating software I	CE 3.8, CE 3.9, CE 3.10, CE 3.15, CE 3.18
	discovered that the 2FO	
	wheel-space limit can be protected by limiting the	
	IGV's.	
		CE 1.2, CE 1.3, CE 1.17
PE2.4 Application of systematic approaches to the conduct and	Since initiation to attainment, I established application of	CE 2.4, CE 2.5, CE 2.9
management of engineering projects.	systematic methodologies. I did	CL 2.7, CL 2.3, CL 2.3
	project management of all the	CE 3.4, CE 3.7, CE 3.15, CE 3.19
	three projects passably.	
PE3 PROFESSIONAL AND PERSO	MIAI ATTDIDITES	
PES PROFESSIONAL AND PERSO	ONAL ATTRIBUTES	
		CE 1.2, CE 1.3, CE 1.17
PE3.1 Ethical conduct and professional accountability.	As an active team associate, I kept my brashness highly	CE 2.4, CE 2.5, CE 2.9
accountability.	proficient, driven my team mates	
	and guaranteed they were	CE 3.4, CE 3.7, CE 3.15, CE 3.19
	equally respected for their aids.	
		CE 1.2, CE 1.3, CE 1.17
PE3.2 Effective oral and written communication in professional and lay	The projects were all self – explanatory and there was no	CE 2.4, CE 2.5, CE 2.9
domains.	indefiniteness in communiqué at	
	any level.	CE 3.4, CE 3.7, CE 3.15, CE 3.19

PE3.3 Creative innovative and proactive demeanor.	Being a passionate person, in each project I endured imaginative, creative and most visional amongst my group.	CE 1.12, CE 1.16 CE 2.7, CE 2.8 CE 3.6, CE 3.8, CE 3.15
PE3.4 Professional use and management of information.	I assured satisfactory and proficient use of information in view of assigned projects.	CE 1.2, CE 1.3, CE 1.17 CE 2.4, CE 2.5, CE 2.9 CE 3.4, CE 3.7, CE 3.15, CE 3.19
PE3.5 Orderly management of self and professional conduct.	My professional demeanor through the projects was up to the standard and exceedingly valued. I developed project management skill after the project conclusion. This helped me in making stable decision during project execution.	CE 1.2, CE 1.3, CE 1.17 CE 2.4, CE 2.5, CE 2.9 CE 3.4, CE 3.7, CE 3.15, CE 3.19
PE3.6 Effective team membership and team leadership.	The projects I did were done professionally. I left no stone unturned in resolving all the problems accordingly in concern with the team-mates.	CE 1.2, CE 1.3, CE 1.17 CE 2.4, CE 2.5, CE 2.9 CE 3.4, CE 3.7, CE 3.15, CE 3.19