7	Page No.	
R	Date: /	1

Declaration and Statement of Suthoulip

I, bearing Registration Dumber, 103117086, agree and acknowledge 1. The assessment was answered by me as per the instructions applicable to each assessment, and that I have not resorted to any unfairment to deliberately improve my performance.

2. I have neither impersonated anyone, nor have I been impersonated by any person for me purpose of assessmente

Signature of the students: Jarishme !

Kullname: Sarishma Bhandasi

Roll number: 103117086

Bub code: HSIR 14 Professional Ethics

Mobile rumber: +977 9841 605599

Page No. 1
Date: / /

Moral Problem canoccus in any step of execution of project May it be the planning, designing, manufacturing or even production phase. The main reasons for any type of moral issues arising in engineering a) Resource wurch b) Opportunity c) Stritude a) Resource auch: The constraints of budget, kehnological obsolescence and time limits cames underirable word innes This leads to vanipulation and unsafe unetwical execution of projects. b) Opportunity: The emphasis on usulta and gains, projecting au own interests rather than the overall companys employees head to unethical decisions and finally woral issues c) Attitude: Attitude of the employees is very important. They must realize their position and responsibility. The poor worded employees due to poor working environment, lack of promotion, absence of recognition and sward system and soon affects min dayleday activities and decisions leading to moral inner Professional Responsibility is a concept that refers to me fact mot individuals and groups have reseally based obligations and duties to others and to

larger ethical and moral codes, standards and traditions

		Page No. 2 Date: / /
	Professional Sciountability is the preparedne or justification to stateholder for one's justification to	us to give an explaination
2.	actions	
	Being a professional, we have to understand	ad our respired
Anamer	policy. Being a professional, and the humanualuce	we must have is integrity.
+ ~	And we shouldn't compromise it. For instance, a chief engineer is also susp	assible for getting the
-1	as me cost of me makerials. During mis phase, when one of his / her free	nd approaches with a
	deal to give him/her a famish fortune sub-standard material, he should refuse i benefit however the price of this compromise	t. Even though he will
a second	sith low quality keeping the separation	q company at stake.
	the chief engineer should merefore be integrity and refuse it. The complete refusal to be compromised is	4_1
in in	segrity.	They would be break

3	
	I mak me emical meony band on eight is me best one because
	according to this meory the rights established by the southy are
	The state of the s
	Pictured and given the highest priority.
	Rights are also considered enreally correct andvalid because may
	have the ability on are endoused by large population.
	For example when a head house a notebook and love it. The
	For example, when a friend bourser a notebook and loses it. The
	blane goes to me friend who borrowed the notebook because at that
	line she had the sight to the notebook.
_	the set on the set and add the set of the se
_	dine rights are defined by me society and are in our constitution as
	well, it helps a person / Kam to act emically as well as according
_	to melawa and former along all mall toloring and it
_	to be be begin to the production of the last of the la
	an experience of the second of an end of the second of the
	Six in land that also are too as a region of
_	The state of the same of the s
-	to the middle that teaching the exercise waters
4	and courts
-	I describe the experience larged and agreement of the later of the lat
	to destroy the late of mital places are a significant
	when the a sittled and fully had a signed
	The season of th
	to the later of the state of th
\parallel	
- 11	

There are rumerous ethical issues faced by enginners some of mem are briefly explained below: a) Public Safety b) Environmental Profection c) Whistle Blowing a) Public Safety: Sometimes the engineers may be forced to neglect me safety checks to neet the production largels. Because the engineer is abliged to the employer, he she has to neglect the presching of society. A special Homen in which b) Environmental Protection: The goals set up by the engineers are often conjucting with environmental geals But now due to kehnological advancement, proper EIA me can identify and sectify the ince nowever, it is expensive and companies try to avoid this leading to some unetwical c) whishe Blowing: The technical knowledge and organisational positions of engineers enable them to detect recious moral probleme that affect the public welfare. Sometimes, may cannot bring appropriate attention to serious problems they detect unless they can convince others to react. Henre, whishellowing comes up naturally

£ 20 m		Page No. 5 Date: / /
	as the outer a training	
3	attention in engineering	nowadays.
5.	- land a second	Lange of the second
V.	Zi i see I see I see I see I see	Indicat American M.
1 1 - 1 - 1	A company to the contract of t	· · · · · · · · · · · · · · · · · · ·
		The state of the s
may not	S Daniel Coloniano de la colonia	tacky at any own or 12
Tal day	the contract of the contract o	- Martin
to Sal bear	No. No.	
the stone on t	Alexander and the proper	Land of the second
There is the	the same of the second day	and of the part of
and and the same	Larrence and the Market	Lord reality of consuming
	and the first of the same	when the state of the state
har shirt	formation the end	the stylender for the
England.	any a femines perfor	The ener morning is which
to ha	in the estimate labor	and the material and on
		The thing to

The engineer as an experimenter, ower four responsibilities to the society namely conscientions commitment, comprehensive perspective, unrestricted pre-personal involvement and accountability.

I comprehensive perspective on relevant information is necessary.

In engineer need to be constructly aware of the progress of the the experiment and he she should be prepared to more addice and wingate side effects if any.

The engineer has to identify at the successful projects in the part similar to the present one. They should have a comprehensive perspective of the project with details of booken down stages of experimental stages.

For instance, while designing a brulding with steel, we need to first buck down me project into many sections. Using help from professore or seniore we need to account for me exact loading our building is going to take. It take enormous reading time as well as analyzing part records. It, earnquake details are more, we need to incorportate in our design so mat our building is refer from securic zone.

That is, my when recessary details are found we can denge as building accordingly and mis is what comprehensive perspective.

Means.

Another tostance, is while doing a homework. Before starting, we have to gather all possible data, relevant datas and find the concertways to approach from books onever professors and then start the problem.

7	Page No	٠.	7	⊸ `
X	Date:	1	_/_	

Pressurizing by your cloud sub-ordinate is not a new experience for anyone working professionally. Being achief engineer of a famous steel
plant if & came to a situation as mentioned. I would take some
selevant steps.

First, I will analyze the condidate and see his progress history. Through his seports and interviews I will get a thorough knowledge of his attitude and dedication. If he is a suitable concludate I will ask him to apply the normal way of recuritment. If he is the one, the members of the committee too will agree and he gets recurited.

Nowever, if the candidate is irresponsible and doesn't have any kernical hawledge I will guide him through the steps he has to take in order to become securited. Maybe some course or even an internship. If he is interested, though it will take time I will try my best to securit him. If he is assigned and wante areary escape I would leave him.

Being in a position, I have to act professionally and adhere to my integrity as well as the companys, since one of the Tests of integrity is complete sufural to be compromised.

8.

The different strategies of Rick Management are pointed welow.

- a) Risk Identification
- b) Risk Evaluation
- c) Risk Control
- a) Rick Adentification: Adentification of with it very important It can be
 identified using various techniques such as physical
 inspection, safety audit, job-safety analysis etc.

 It is the first step in Rick Management.
- 6) Risk Evaluation: Struidentification, sisk has to be measured on the hairs of economic, social or legal considerations.

 The economic and social considerations include financial aspects, insurance premium, overall effect on the profitationy and pomble loss of production.

 The legal considerations include code of practice, guidance note, fire prevention, pollution, and product liability.
- e) Rick Control: At consists of four areas risk avoidance, risk retention.

 risk transfer and risk reduction. Risk avoidance is

 the conscious decision the management has to undertail

 for avoiding a particular risk. Risk retention refers to

 a particular risk for which any consequent loss is

 financed by the organization. Risk transfer refers to the

 legal assignment of the cost of certain potential

•	
	Page No. 9 Date: / /
,	losses from one party to another
	Risk reduction refus to the reduction elimination
	fall aspect of accidental courmet had to a
	wastage of an organization's assets.
	Identify
	Canh
	Control
	Evaluate
	Go d'in in
	Fig: Risk Management.
و	Commence of the transfer of the second of th
	The ethical codes for prolessimals are asserted
	The ethical codes for professionals are essential because it provides an ethical starting point forme professionals as well as others outside the
	profession. The estrical codes ensures quality in treatment of members of
	The profession and mose me profession server
maria.	The description of the property of the party of the state
	The codes provide a framework for conducting essential information functions
-	instituting polices and developing strategies for service.
	The state of the s
1013	Some of the major provision of ethical codes are siefly explained below:-
	a) Guidance deving unemical situation
	6) Communicating etnical viewpoint of the profession.
	c) fromoting values.

Environment Ethics is me discipline in philosophy that studies the moral relationship of human beings to, and also me value and moral statue of the environment and its non-human content dince engineere are took me creators of subnology mat contributes to environmental degradation, there should be obligation to protect the environment. Therefore, it wis when environment office helps mem, because it obligates engineers to take conscious efforts to protect the environment as well as to maintain its stability from the hazardous pollutants Some of the environmental inner of concern to engineer are: e) solid waste management a) water Pollution: Every industry produces waste materials that need to be discarded. Since rivers have me seef-cleaning capacity there are used. But many industries using this has uade a river, a dumpeter water pollution is therefore one of the major concern because it is ducety consumed by animals and humans. The harmful chears causes heath concerns mat night be even deadly

1	
-	Page No. 11 Date: / /
	6) Six pollulion: Manufacturing any product has to go mongh numerous
	potential : Manufacturing any product has to getter alone
	steps. For instance, manufacturing a cement along about
	commutes about 81. of the carbon dioxide. Since are
	is the baile requirement for any living beings , enhaling-
	polluted air ducity affects the lungs.
	Therefore, this is one of the major concern of any enginees,
	e) Solid waite management: Washie unavoidably generated. One ming
7	that can be controlled is the amount of waste. Since,
	dumping waste is equally expensive because of me
	shortage of land, engineer growing concern is to
	reduce me waite so mat me generated waste can
	be wineweed and here save me environment from
_	duadful after effect.
2.4	