

**POWER PLANT - II
WELCOMES
QCFI AUDITORS &
RESPECTIVE GUESTS**

TOTAL CAPACITY : 74 MW
(2 X 30 + 1 X 14 MW)



NSPCL - ROURKELA



NSPCL - DURGAPUR



NSPCL – BHILAI, P.P-III



NSPCL – BHILAI, P.P-II



MISSION

All Units are being operated with a mission : **To be recognized as reliable power producer in the country through :**

- ❖ **Operational excellence**
- ❖ **Customer satisfaction by supply of reliable and cost effective power**
- ❖ **Sustainable growth**
- ❖ **Employee empowerment by providing challenging and rewarding work environment**
- ❖ **Commitment to care for the environment and the community**

CORE VALUES

- **S**incerity and Service Orientation
- **P**eople
- **I**ntegrity and Honesty
- **R**espect
- **I**nnovativeness
- **T**eamwork

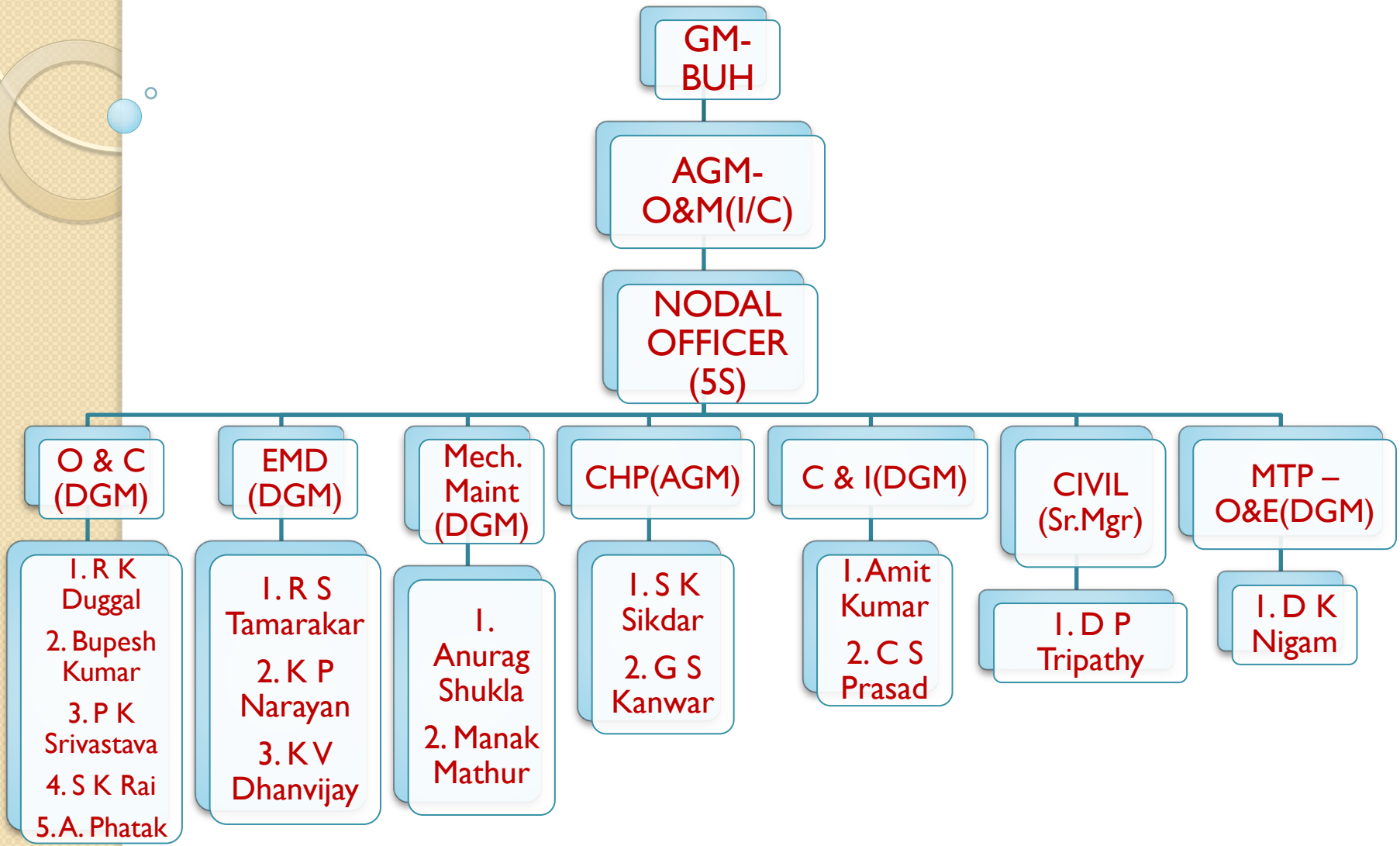
VISION

To Be An
Efficeint Power
Producer
Delivering
Consistent
Value to
Stakeholders

5S JOURNEY

YES... YES... 5S...

It Is The Need Of The Hour



5S JOURNEY OF P.P-II

Activity Chart/Sequence



Activity Chart/Sequence



RED TAG AREAS OF P.P - II

5S FLAG HOSTING



DOVE MESSAGE



5S PLEDE OATH AT P.P-II



5S PLEDE OATH AT P.P-II



RED TAG AREA



RED TAG	
Classification	1. Raw Material <input type="checkbox"/> 5. Machine/Equipment <input checked="" type="checkbox"/>
	2. Work -In-Progress <input type="checkbox"/> 6. Mold / Jig <input type="checkbox"/>
	3. Component Part <input checked="" type="checkbox"/> 7. Tool / Fitting <input type="checkbox"/>
	4. Finished Product <input type="checkbox"/> 8. Stationery/Others <input type="checkbox"/>
Name of Item	A.C. Equipmen' & Part
Quantity	Qty 07 No
Reason	1. Unnecessary <input type="checkbox"/> 4. Leftover Material <input checked="" type="checkbox"/>
	2. Defective <input checked="" type="checkbox"/> 5. Unknown <input type="checkbox"/>
	3. Not Urgent <input type="checkbox"/> 6. Others <input type="checkbox"/>
Action	1. Eliminate <input type="checkbox"/> 4. Move To Red-Tag Storage <input type="checkbox"/>
	2. Return <input type="checkbox"/>
	3. Store Separately <input checked="" type="checkbox"/> 5. Others <input checked="" type="checkbox"/>
Date	Tag Attached Date 12/3/14 Action Taken Date

RED TAG AREA



RED TAG AREA



BEFORE & AFTER PHOTOGRAPHS

**SCRAPYARD-
BEFORE**



**SCRAPYARD-
AFTER**



**SCRAPYARD-
AFTER**



OFFICE-BEFORE



OFFICE-AFTER



**SITE STORE-
BEFORE**



**SITE STORE-
AFTER**





SITE STORE-BEFORE



SITE STORE-AFTER





BELOW STAIR CASE-BEFORE



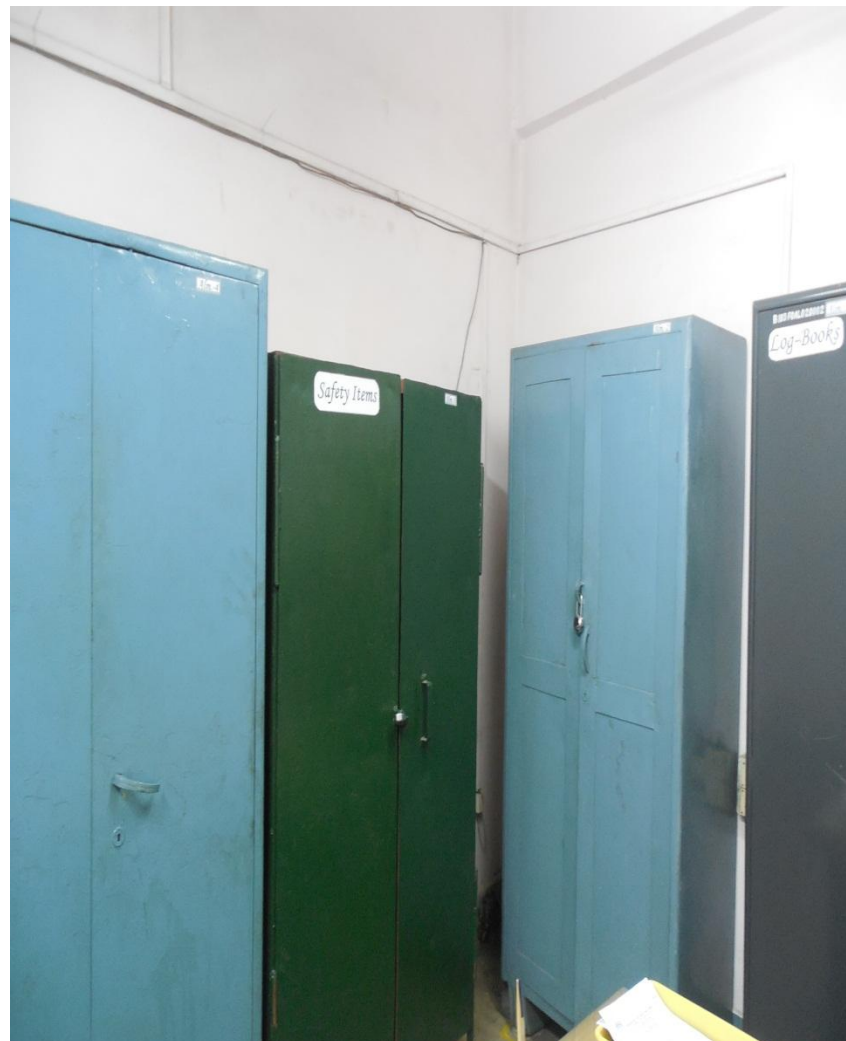
BELOW STAIR CASE-AFTER



STORE OFFICE -BEFORE



STORE OFFICE -AFTER

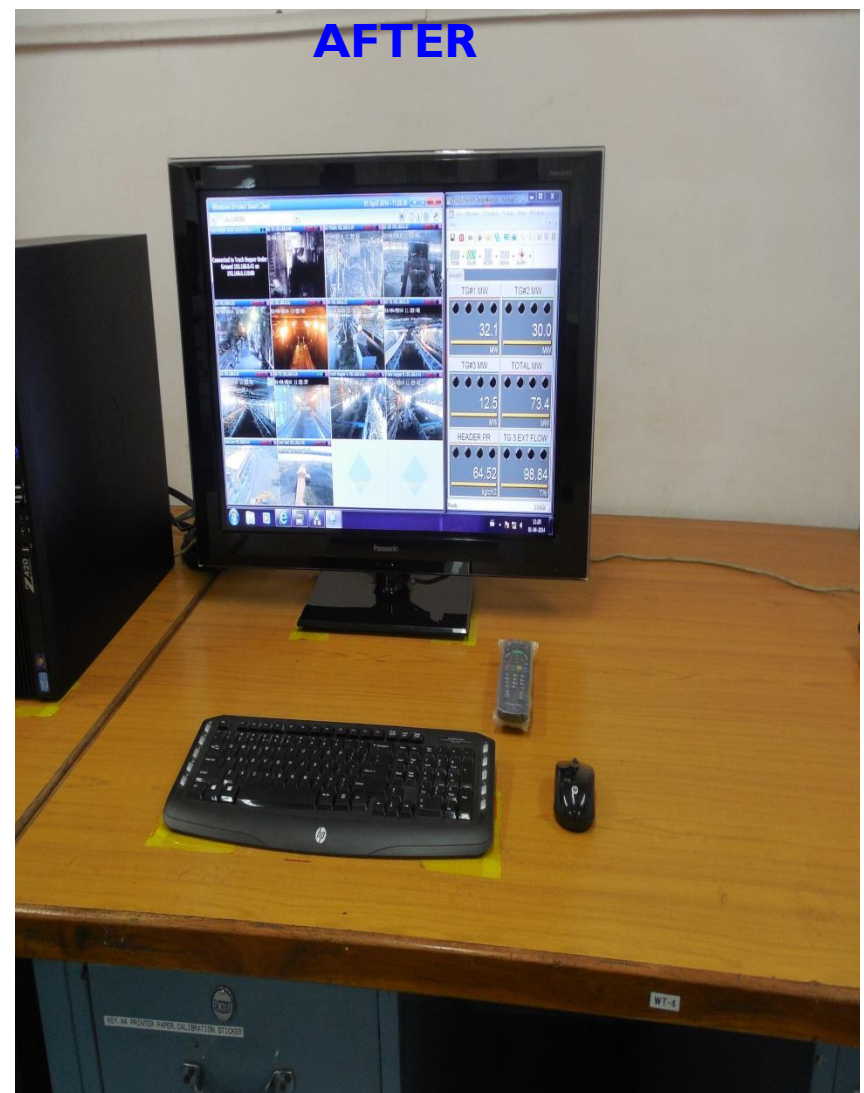




ELECTRONICS LAB - BEFORE



ELECTRONICS LAB - AFTER



FILE CABINET -BEFORE



FILE CABINET -AFTER



POWER PLANT - II

**CHP MAIN SHED
SURROUNDINGS-BEFORE**



**CHP MAIN SHED
SURROUNDINGS-AFTER**



**BACK SIDE DP HOUSE-
BEFORE**



**BACK SIDE DP HOUSE -
AFTER**



**BELOW GI GALLERY -
BEFORE**



**BELOW GI GALLERY -
AFTER**



POWER PLANT - II

**BELOW GI GALLERY -
BEFORE**



**BELOW GI GALLERY -
AFTER**



**SURROUNDINGS CHP C/R -
BEFORE**



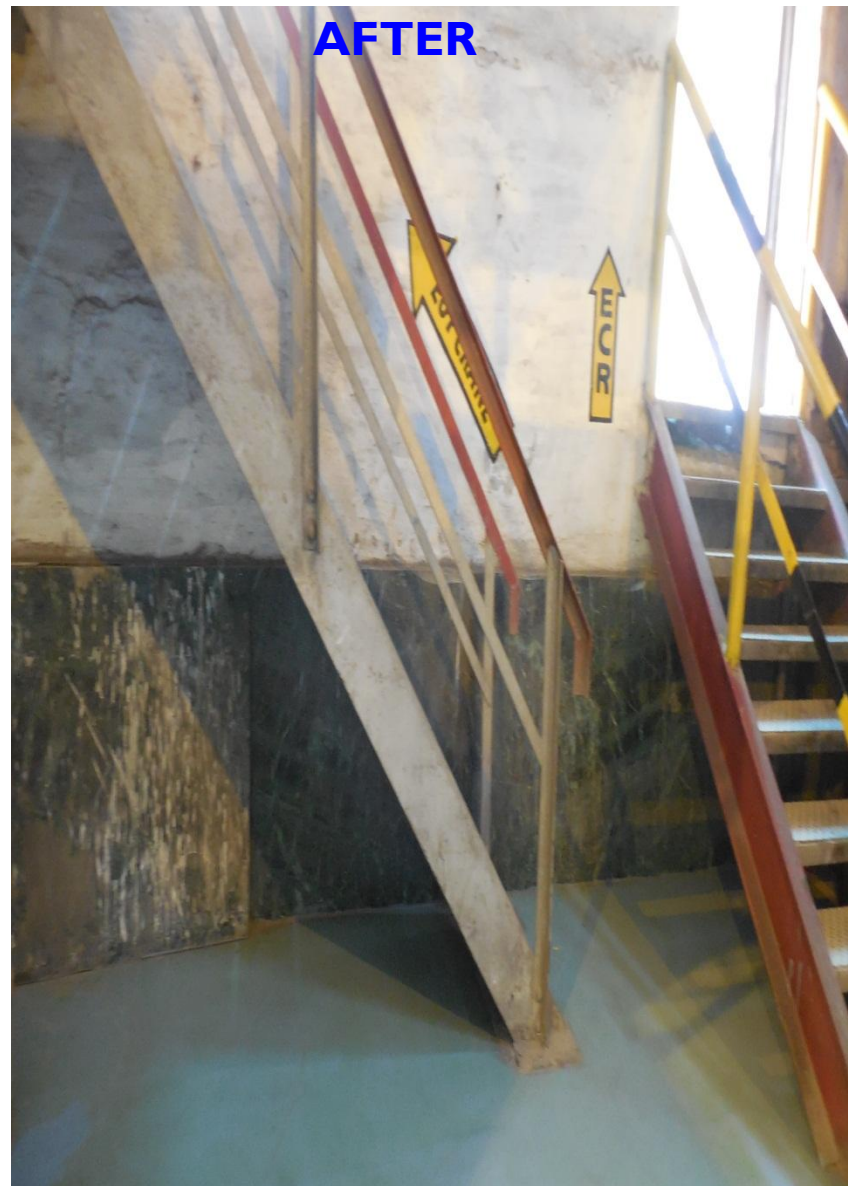
**SURROUNDINGS CHP
C/R -AFTER**



**BELOW STAIR CASE -
BEFORE**



**BELOW STAIR CASE -
AFTER**



DM PLANT FRONT AREA- BEFORE



DM PLANT FRONT AREA -AFTER



**YARD COMPRESSOR
ROOM -BEFORE**



**YARD COMPRESSOR
ROOM -AFTER**



POWER PLANT - II

HP/LP P/P HOUSE SURROUNDINGS -BEFORE



HP/LP P/P HOUSE SURROUNDINGS-AFTER



POWER PLANT - II

BEHIND DP HOUSE- BEFORE



BEHIND DP HOUSE - AFTER



POWER PLANT - II

DM PLANT LAB -BEFORE



DM PLANT LAB -AFTER



DM PLANT STORE - BEFORE



DM PLANT STORE - AFTER



UNIT CONTROLLER TABLE -BEFORE



UNIT CONTROLLER TABLE -AFTER



BEFORE



AFTER



POWER PLANT - II

ALMIRAH -BEFORE



ALMIRAH -AFTER



FILE CABINET -BEFORE



FILE CABINET -AFTER



VISIT TO OTHER 5S CERTIFIED PLANT



AT RCL OF BHILAI STEEL PLANT

BHILAI



POWER PLANT - II

5S AWARENESS

“ MARCH PAST ” AT P.P-II



MARCH PAST



march past25.wmv







5S QUIZ COMPETITION



AWARNESS PROGRAM AT TOWNSHIP



28/12/2013

AT RC CLUB



5S HOME VISIT











5S HOME



D-5/2

5S HOME

Shri. R K Verma

Smt. Anita Verma

5S HOME



P.P.-II ON SCREEN



Experience 2.wmv



Experience 5.wmv



Experience 4.wmv



EXPERIENCE 1.wmv





BENEFITS IN A NUT - SHELL

S.NO	NAME OF THE ITEM /SCRAP	QTY.	BENEFIT (APPRX.)
1	ELECTRONIC SCRAP	2 Tons	Rs. 3,00,000
2	BENCH TOP DIGITAL MULTIMETER	1 No.	Rs. 40,000
3	ELECTRICAL SCRAP	1 MT	Rs. 50,000
4	FASTENERS	--	Rs. 40,000
5	BRAND NEW BEARINGS	--	Rs. 5,00,000
6	SCRAP FROM CHP (FERROUS & NON-FERROUS)	30 MT	Rs. 1,50,000
7	CONVEYOR BELT SCRAP	2000 Mtr	RS. 2,00,000
8	ECO BEND SHIELDS	--	Rs. 5,00,000
9	BOT WHEEL (NEW)	1 NO.	13,000
10	NOTICE BOARDS	3 No.	5,000

S.NO	NAME OF THE ITEM/SCRAP	QTY.	BENEFIT (APPRX.)
10	MS SCRAP	15 MT	3,50,000
11	GRINDING ROLL	5 MT	1,50,000
12	BULL RING	2 MT	60,000
13	ALUMINIUM CLADDING SHEET	0.3 MT	30,000
14	G I SHEET	2 MT	30,000
15	VALVE	5 MT	1,25,000
16	MS SCRAP	3 MT	70,000
17	BRASS SCRAP	18 KG	2,700
18	Valve	5 MT	1,25,000
19	Machinery Scrap	1.5 MT	30,000
20	RC Feeder Clutch KEYS	--	Can be used for 10 yrs

*** RATE REFERENCE HAS BEEN TAKEN FROM SCRAP DISPOSAL OF PREVIOUS LOT OF FIN.YEAR 2013-14**

Free Space Created

SL. NO.	AREA	Space Sq Feet
1	SEIRI museum created	1000
2	Mechanical Store	200
3	ECR Store	150
4	HFO Pump Hose Store	200
5	BELOW G1 GALLERY	22500
6	NEAR G5 TAKE-UP AREA	1800
7	NEAR CHP TOILET	1152

In Brief...

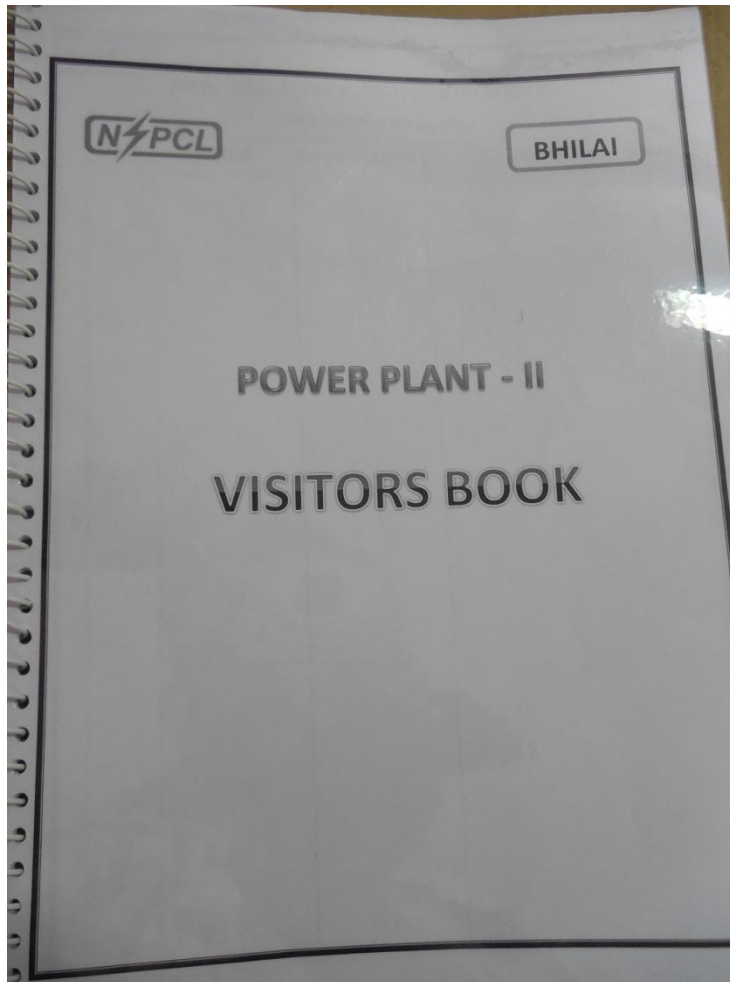
- Improved quality of work life and total improvement through total employee involvement
- Enhanced Individual ability
- Better & Safer work place
- Retrieval time improved
- Systematic approach in performance
- Team work culture
- Cleanliness and marking created an awareness among the all employee about the good work place practices.
- Reduce non-value adding activity
- Improve floor space utilization.

SUSTAINING “5S”

Discipline & Sustain

- Through STANDARD PRACTICES
- Through NEW INITIATIVES.

- Visitor's Book
- Broom Buckets
- Plant area dustbins
- P.P-II prototype
- Horticulture – CT area
- 5S Manual

[illegible]

PLANT AREA DUST BINS



HORTICULTURE



BROOM BUCKETS



P.P-II Prototype



5S MANUAL



BHILAI



5S APEX MANUAL

POWER PLANT – II



We Committed to frame the integrated approach and to involve the efforts for quality in totality at P.P-II, NSPCL-Bhilai through 5S philosophy for organized work place and ensure conformance to 5S standards by maintaining it with team work culture.

AUDIT-DAY AT P.P-II



BHILAI



VISUAL MANAGEMENT



**PLANT ROADS – HOUSE KEEPING
& VISUAL MANAGEMENT**

HOUSE KEEPING & VISUAL MANAGEMENT



SEIRI MUSEUM





ELECTRICAL STORE- AFTER 5S



ELECTRICAL STORE- AFTER 5S



SIEMENS POWER CONTACTOR

YULE CONTACTOR



CONTACTOR CM-600

CONTACTOR CM-630

ML-8

ML-12

ELECTRICAL STORE- AFTER 5S



MECHANICAL STORE- AFTER 5S

Eco. Bend Shield

Eco. B



**ECO. BEND SHIELDS RECEIVED
DURING 5S OF STORES**



**KAIZEN FOR WORKING BENCH AT
REPAIR SHOP**

P.P-II PROTOTYPE MODEL



PARKING SHED DEVELOPED FROM UNUSED SPACE



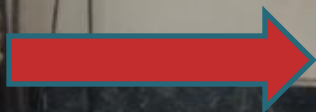


TROUGHING
IDLER NEW
MAX NO.

CHP STORE- AFTER 5S



VISUAL MANAGEMENT & HOUSE KEEPING



EMERGENCY ASSEMBLY POINT

BEST CONTRACTOR : 5S





TOOLS AT ELECTRIC REPAIR SHOP



MAIN SWITCH GEAR AREA- AFTER 5S



BHILAI



KAIZEN - TOOLS ALMIRAH



TABLE DRAWERS - AFTER 5S



TMD STORE- AFTER 5S



LEVEL DIFFERENCE LINES



RED TAG AREA - OPERATION



TG HALL



CALIBRATED

BHILAI

C& I WORKING TOOLS - AFTER 5S

A photograph of a toolbox containing various tools. The tools are arranged on a red foam insert. From top to bottom, the tools include: a large adjustable wrench, a pair of pliers, a hammer with a wooden handle, a pair of side cutters, a long screwdriver with a green handle, a long thin rod, a long thin rod with a blue handle, and five open-end wrenches of different sizes. The toolbox is open, and the tools are neatly organized.

C& I WORKING TOOLS - AFTER 5S







LOG REGISTERS ALMIRAH - AFTER 5S

BHILAI



Shift Charge Engineer Log Book



Daily Log Book of Boiler



Lube Oil Report



ECR Log Sheet



TG-30 MW Log Book





CANTEEN - AFTER 5S

BHILAI

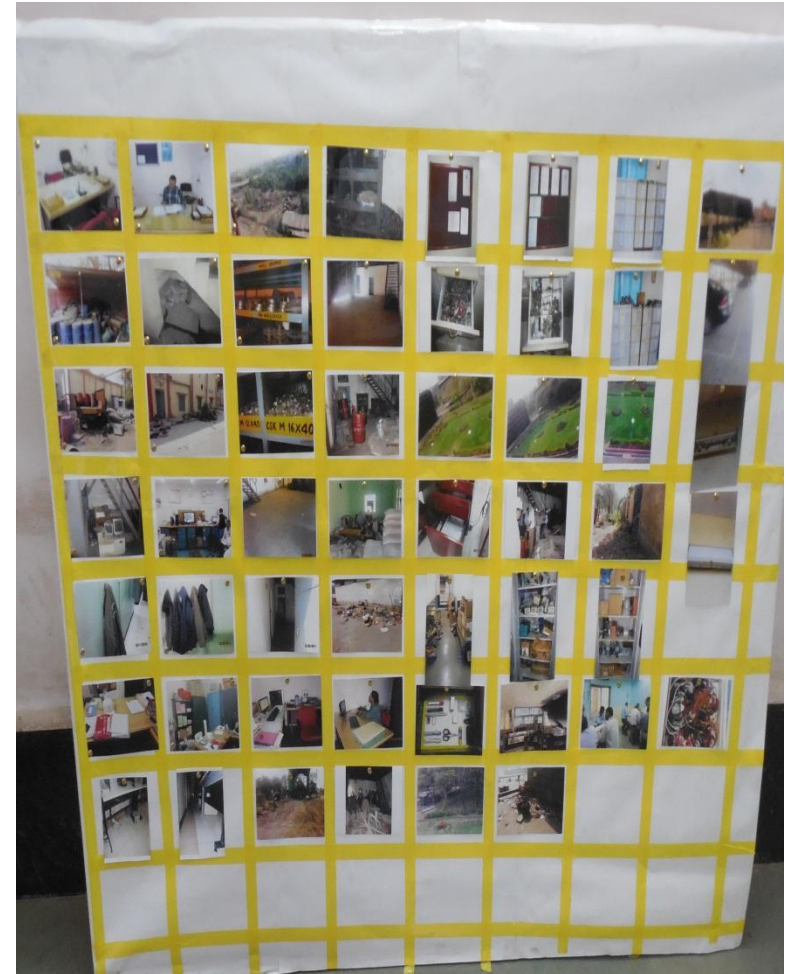




5S GALLERY



5S GALLERY



There Is No Real Ending

“ It’s Just the Moment
Where you stop the story “

Thank you ...

