

**cranedge**

upkeep . upgrade . upraise

**BANG**

The Case of  
**The Colliding  
Cranes**





HEADS OF VARIOUS DEPARTMENTS SITTING AT THE TABLE . THE CEO ENTERS THE ROOM .

GOOD MORNING SIR !

SIR, THIS MORNING, ONE OF OUR  
CRANES WENT OUT OF THE  
OPERATOR'S CONTROL AND  
CRASHED INTO ANOTHER CRANE IN  
THE SAME BAY , RENDERING BOTH  
UNUSABLE.

THIS ISN'T A VERY GOOD MORNING,  
GENTLEMEN. IN FACT, IT IS ONE OF OUR  
DARKEST DAYS! OUR COMPANY HAS NEVER  
FAILED IN ITS COMMITMENTS TO CLIENTS  
SO FAR.  
HOW DID THIS HAPPEN?



SIR, AS PLANT HEAD,  
I MUST TAKE THE BLAME FOR THIS  
SITUATION.



SHOP FLOOR OF THE COMPANY. NO PRODUCTION TAKING PLACE .



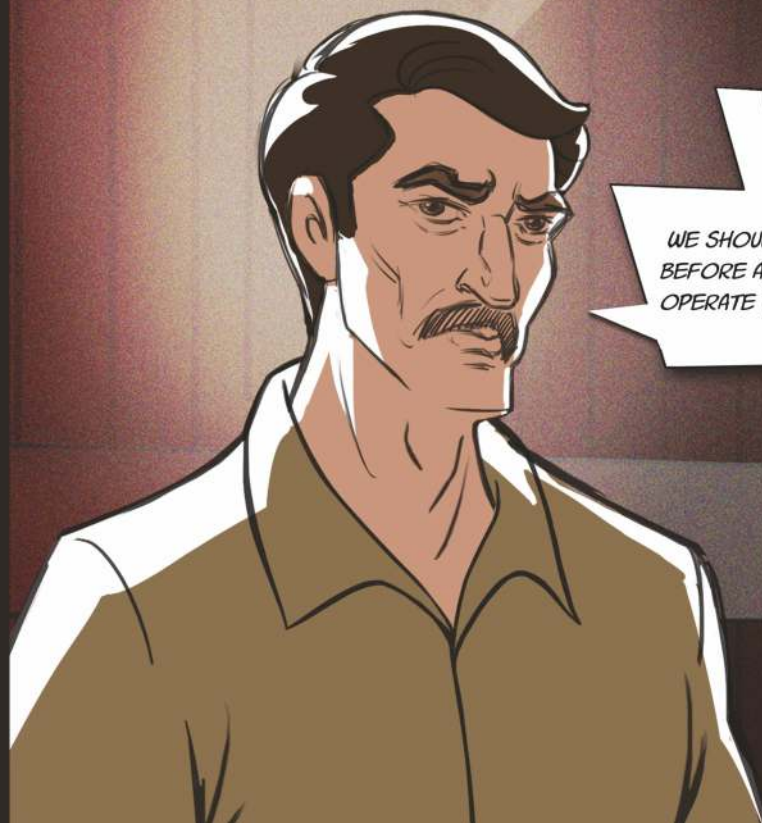
AN EOT CRANE COLLIDED WITH A SEMI GANTRY CRANE IN THE SAME BAY, CAUSING DAMAGE TO BOTH

**BANG**


SIR, WE DO NOT HAVE  
A MECHANISM TO PREVENT  
SUCH AN INCIDENT.

FURTHER THE PERSON OPERATING  
THE CRANE WAS UNQUALIFIED FOR THE  
JOB.

WE SHOULD HAVE VERIFIED HIS CREDENTIALS  
BEFORE ALLOWING HIM TO  
OPERATE THE CRANE.







HIS INEPT HANDLING OF  
THE CRANE CAUSED  
THE CRANES TO COLLIDE.

THE MAIN GIRDER GOT CRACKED.

THE MOTOR OUTPUT  
SHAFT HAS BROKEN.


THE LONG TRAVEL GEARED  
MOTOR IS DAMAGED.

THE OPERATOR HAS REALIZED HIS MISTAKE AND APOLOGIZED. HOWEVER, THAT DOESN'T CHANGE  
THE FACT THAT THE DAMAGE HAS ALREADY TAKEN PLACE.










CRANEDGE?  
WE HAVE A PROBLEM  
THIS MORNING.




DON'T WORRY SIR,  
WE ARE HERE TO  
HELP YOU.  
OUR TEAM WILL BE ON  
THE JOB  
RIGHT AWAY.

CRANEDGE TEAM AT WORK.




WE HAVE TAKEN THE APPROPRIATE  
CORRECTIVE MEASURES AND RECTIFIED  
THE MAIN GIRDER. WE HAVE ALSO  
SUPPLIED THE LONG TRAVEL GEARED  
DRIVE ALONG WITH THE DRIVE SHAFT.



BOTH CRANES HAVE BEEN ASSEMBLED  
AND CERTIFIED FOR REGULAR USE  
AFTER CONDUCTING LOAD AND  
OVERLOAD TESTS. THE CRANE HEALTH  
ASSESSMENT REPORTS HAVE BEEN  
SUBMITTED TO YOU.





I CANNOT THANK YOU ENOUGH!  
YOUR IMMEDIATE SERVICE HAS  
SAVED US FROM FURTHER FINANCIAL  
LOSSES. AS WELL AS LOSS OF  
REPUTATION. !

WE WOULD LIKE TO ENSURE THAT THIS KIND  
OF AN INCIDENT DOES NOT REPEAT,  
WHAT DO YOU RECOMMEND?"

WE HAVE AN OPERATORS TRAINING PROGRAMME THAT WILL  
MAKE OPERATORS AT YOUR PLANT AWARE OF PRECAUTIONS  
WHILE HANDLING THE CRANES.

YOU SHOULD INSTALL AN ANTI-COLLISION DEVICE  
TO ENSURE THAT AN ACCIDENT  
LIKE THIS IS PREVENTED IN THE FUTURE.

WE ALSO RECOMMEND COVERING YOUR CRANES WITH  
AN ANNUAL MAINTENANCE CONTRACT THAT WILL ENSURE  
YOUR EQUIPMENT ALWAYS FUNCTIONS AT OPTIMAL LEVELS !

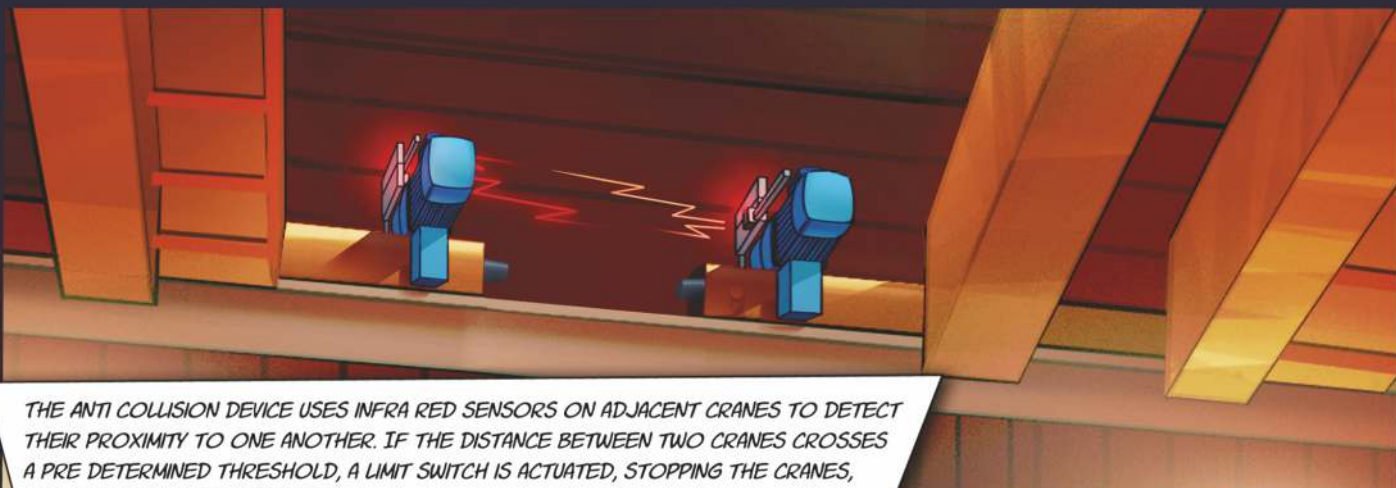


GOOD DAY TO YOU, SIR!

THANK YOU VERY MUCH!

YES. FINALLY IT IS A GOOD DAY FOR US NOW.!





THE ANTI COLLISION DEVICE USES INFRA RED SENSORS ON ADJACENT CRANES TO DETECT THEIR PROXIMITY TO ONE ANOTHER. IF THE DISTANCE BETWEEN TWO CRANES CROSSES A PRE DETERMINED THRESHOLD, A LIMIT SWITCH IS ACTUATED, STOPPING THE CRANES, THUS PREVENTING A COLLISION.



THE CRANEDGE OPERATORS TRAINING EDUCATES THE OPERATORS ABOUT THE BEST PRACTICES TO FOLLOW WHILE OPERATING THE CRANE AND HANDLING LOADS SAFELY. IT ALSO COVERS THE BASICS OF PREVENTIVE MAINTENANCE AND VISUAL CHECKS THAT OPERATORS CAN CARRY OUT TO REDUCE THE CHANCES OF A SUDDEN BREAKDOWN.



CRANEDGE'S ANNUAL MAINTENANCE CONTRACTS OFFER A STRUCTURED PREVENTIVE MAINTENANCE PLAN FOR YOUR CRANES. THESE COVER ALL CRANE COMPONENTS TO ENSURE THEIR INTEGRITY AND ABILITY TO PERFORM AT ALL LEVELS OF USE. AN AMC HELPS YOU IDENTIFY PROBLEMS THAT MAY CROP BEFORE THEY AFFECT YOUR PRODUCTION.





I WISH WE HAD DONE THIS EARLIER.

NOW I CAN REST ASSURED KNOWING MY CRANES ARE IN GOOD HANDS  
WHEN ENTRUSTED TO CRANEDGE !





CRANEDGE IS A PROFESSIONAL SERVICE COMPANY DEDICATED TO PROVIDING COMPLETE AFTER-MARKET SERVICE FOR EOT CRANES AND TOWER CRANES OF ANY MAKE, HOISTS AND RELATED MATERIAL HANDLING SYSTEMS.

ESTABLISHED IN 2009, CRANEDGE STANDS ON A FOUNDATION BUILT WITH OVER 30 YEARS' EXPERIENCE OF ONE OF INDIA'S MOST SUCCESSFUL CRANE MANUFACTURERS, ELECTROMECH.

ELECTROMECH IS INDIA'S LARGEST VOLUME MANUFACTURER OF CRANES AND RELATED MATERIAL HANDLING EQUIPMENT. ELECTROMECH HAS SUPPLIED IN EXCESS OF 5000 CRANES TO A WIDE SPECTRUM OF COMPANIES THE WORLD OVER.

HEADQUARTERED IN PUNE, INDIA, THE ELECTROMECH MANUFACTURING FACILITY IS SPREAD OVER 80,000 SQ.M., WITH A COVERED AREA OF 20,000 SQ.M., MAKING IT ONE OF INDIA'S LARGEST MANUFACTURING FACILITIES FOR CRANES. ELECTROMECH BELIEVES IN A SOLUTIONS APPROACH TO MEET CHALLENGES FACED BY ITS CUSTOMERS AND ENJOYS EXCELLENT CUSTOMER SATISFACTION.

CRANEDGE WAS BORN OUT OF THIS COMMITMENT TO PROVIDE TROUBLE-FREE CRANE OWNERSHIP EXPERIENCE TO ALL OUR CUSTOMERS.

#### CRANEDGE OFFERS YOU

- LOWEST POSSIBLE RESPONSE TIME THROUGH INDIA'S LARGEST TEAM OF TRAINED SPECIALISTS DEDICATED TO CRANE SERVICE
- AN IMPLICIT UNDERSTANDING OF WHAT YOUR BUSINESS DEMANDS FROM CRANES
- EXPERIENCE AND KNOWLEDGE OF ALMOST ALL BRANDS OF CRANES ENABLING US TO QUICKLY DIAGNOSE AND RESOLVE PROBLEMS
- STRATEGIC DESIGN BACKUP FOR ECONOMICAL AND COMPLETE RESOLUTION OF PROBLEMS
- VALUE ADDITIONS IN TERMS OF CONSULTATIONS ON EQUIPMENT UTILISATION AND OPTIMISATION





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