Examples of ethics violations on jobs.

I had worked on air conditioning units for large buildings and designed several to fit the needs of those buildings. I also went to the sites when problems arose. My first task at the job was to pinpoint the problem in the system of a hospital. I deduced that a fan belt was worn through. When I informed my boss, he told me to use a belt that was stronger but not strong enough to completely fix the problem. I had to go back to the hospital every month to tell the hospital that the belt was broken and give them a new one.

I have yet to work in engineering industry! Working at ESL for Ohio State I have seen students leave equipment left in many unsafe positions with a lack of safety for others.

Gypsum caused severe health problems to residents around Wazo Hill but also the company employed thousands of people and helping many communities.

Yes, in a sales engineering position. In sales engineering, there is a lot of negotiations and so called favors. I wouldn’t say I saw bribery, but a lot of nice gestures and perks are given to clients in return for product purchases.

They only issue I found was that the company was dumping machining oil down the sewer. But the oil was safe to do so, but to be extra safe they had it collected.

Yes, I have been involved in a moral dilemma. While working this summer at lunch, I would peel vegetables with a knife. Company policy dictated that I use a “safety knife” and wear gloves that would not allow you to cut your hands.
I was in a moral dilemma since company policy said one thing but I had done this before with no consequences.

There was no time that I have experienced dangerous practices at work; however, my friend had to resign because of a disagreement in policy with GM. They were less concerned with the safety than he was for the PLC controllers. Robots.

I have had a job in engineering industry. While working I did not encounter a moral dilemma or unethical practices with respect to safety. The company’s measures were always more than sufficient.

I have not encountered a situation in which engineering practices have potentially compromised safety. The firm I have worked for usually takes the time to ensure their products exceed NEC code at all instances.

I have had a job in engineering; however, the company was very focussed on safety.

While I have come across irresponsible testing methods that do not necessarily provide the best product, it has never endangered anyone or thing.

I haven’t had a moral dilemma in an engineering job but in a file room job. It was a fire hazard with too many file cabinets in one room. It was corrected once we completed an archive process& removed several rows of cabinets.

Worked with SQL server user interaction using Java. Everything I did was brokerage related, but we tested everything between ourselves as it was coded by a team of about 20 of us. If a bug was found in brokerage wasn’t a big deal but other parts of the company had manufacturing tests…
I worked at an electric company this summer and they were very safety conscious. Safety was always number 1 for them.

I worked at a site where faulty equipment caused the death of a worker, but the company said it wasn’t their mistake. The worker did not follow the necessary safety procedure.

I have a coop position, but I have not encountered any “unsafe” situations. My job is mostly desk work and any large voltage sources and servers are handled properly. Also, ethical behavior is highly valued and generally drama-free.

Yes, I do encounter a moral dilemma when I am having an internship back in Malaysia. My manager told me to take out a fuse on a DVD player so that it works.

I worked as an engineering intern this past summer, and I did not encounter any safety concerns while on the job site. I did however have to go through a safety class during the first week on the job. There all safety procedures and policies were discussed in the event a safety hazard arose.

I have not worked in the engineering industry. Every place I have worked (IHOP, Frame USA Warehouse) took the standard precautions with regards to safety. I have seen some reckless forklift use, but he was only putting himself in danger. I told him about it; he said, “Yeah, oh well.”

Yes. People working in unsafe environments. No.
Companies I have worked for follow strict OSHA standard, and I have not had to deal with unethical or unsafe practices.

I worked in car manufacturing. We had quality control issues with batteries. Car batteries have lead posts, so at several points in the investigation safety issues were identified when working with diagnosing the battery problems. A safety engineer was present but was occasionally overridden when line-stoppage was an issue. All those who did do modifications were trained and had informed consent, but it wasn’t real.

I have done about a year worth of coops. Whenever a safety issue arose, the company was VERY GOOD about making sure it was handled properly.

Though it’s not engineering, I have worked on vehicles through high school. On many models of car, oil changes are supposed to be performed at running temperature. These cars also put in the oil filters oriented or located in a manner that leads to the mechanic burning himself or herself on hot manifolds or fluids.

I have worked in the engineering industry, but I have never had any problems regarding safety with the company I worked for.

I have seen a case where a machine needed to be operated (a punch press), and its safety cage switch was bypassed by a rubber band allowing easier access to the dies of the machine but closer danger to moving parts.

I don’t really have any experiences, but I think I will put the public safety issue on the first place.

When I chose a job before, there were two choices. One was quite near to my home. The other one is quite far from my home, so I need to drive 1.5 hour, but they offer good salary.
The only significant safety risk I've encountered was working with liquid nitrogen and liquid helium. There was no real dilemma though as safety was held in high regard.

Had two internships but didn’t encounter any dilemmas concerning safety. The engineers I worked with were very ethical and our products weren’t very closely related to safety.

The industry that I went had machinery very close to each other. So the workers in that had a higher risk of injuries. There should be some empty space between machines for a better safety.

I was faced with a choice to wear my safety equipment while working; it was extremely hot and it was uncomfortable to wear it. I did not follow exact procedures and turned out fine, but later I realized that I could have been hurt if I did happen to have something go wrong while working.

I have not encountered plenty of unethical behavior, but I have not been involved in any safety-related dilemmas.

We were testing a new product and as part of this we looked at the testing that was done on previous products. We discovered that a test on a previous product had not been done and was instead substantiated by calculations. Unfortunately, these calculations were not enough and the full test should have been done on the old product.

I haven’t worked in engineering industry, but I did notice something about my job last night. So we just got a new high voltage power supply at my work (3 kV). We were reading the manual and the first page is an overview of CPR and says that someone should be CPR certified. Coincidentally, I’m taking a
CPR class this quarter, but I realized last night that there is no AED available if something did go wrong. So today I will bring up the issue with my coworkers and maybe again tomorrow at our team meeting if I don’t find one. I thought this was relevant to the question.

When working for a small power utility company I saw some unsafe work practices. I would go out with the line crews and held with line construction. When some of the other employers were working on “hot” lines they did not wear their protective sleeves along with their gloves. The reason they chose not to wear it is due to the heat that day. The sleeves and gloves are rubber and working in high heat is a concern for heat exhaustion. So they sacrificed safety equipment due to the hot environment.

I was on a coop when the company I work for had a recall on their dishwashers. The jet dry mechanism would catch on fire and burn the house down. I personally was not in any dilemma, but I’m sure the engineering/management team had a dilemma on their hands.

I have seen companies in an attempt to cut cost did not provide equipment for their workers. Such action caused workers to be hurt unnecessarily during work.

While calibrating a laser proximity switch, the laser spanned across a 20-foot gap with about a 20-foot hole. We needed to get the laser to hit something white to calibrate it, but the wall was black and therefore it didn’t reflect back. A worker then scaled the edge of the wall on a ledge to hold something in front of the laser, so the calibration could be completed. The worker could have easily slipped and fallen into the hole.

I have not really involved in engineering company/project before that involves any safety issues.
I have been working in software in the two internships I have had. There were no safety concerns I was aware of.