



No Food System
-20°C

1
00:00:11,350 --> 00:00:09,190
my name is cynthia ton i'm probably what

2
00:00:13,990 --> 00:00:11,360
you consider a junior engineer here at

3
00:00:16,230 --> 00:00:14,000
goddard i'm working on a project called

4
00:00:17,830 --> 00:00:16,240
sample analysis at mars or sam as we

5
00:00:20,950 --> 00:00:17,840
like to refer to it

6
00:00:22,390 --> 00:00:20,960
purpose is to look for organics on mars

7
00:00:24,470 --> 00:00:22,400
pretty interesting

8
00:00:27,269 --> 00:00:24,480
what i do specifically

9
00:00:29,189 --> 00:00:27,279
on this project can be divided into two

10
00:00:32,310 --> 00:00:29,199
areas the first area is mechanical

11
00:00:34,310 --> 00:00:32,320
ground support equipment designing

12
00:00:36,549 --> 00:00:34,320
fabricating and

13
00:00:37,990 --> 00:00:36,559

organizing some of the procedures for

14

00:00:39,750 --> 00:00:38,000

when we're doing the testing and

15

00:00:42,229 --> 00:00:39,760

handling and shipping and i was talking

16

00:00:45,190 --> 00:00:42,239

about the other area i work on is what

17

00:00:47,190 --> 00:00:45,200

we call plumbing and it is as glamorous

18

00:00:49,190 --> 00:00:47,200

as it sounds within this instrument

19

00:00:51,270 --> 00:00:49,200

suite which is about the size of a

20

00:00:52,790 --> 00:00:51,280

microwave oven as my boss likes to say

21

00:00:55,430 --> 00:00:52,800

pretty good comparison

22

00:00:59,830 --> 00:00:55,440

there are something like on the order of

23

00:01:00,790 --> 00:00:59,840

50 55 i want to say gas processing lines

24

00:01:02,310 --> 00:01:00,800

so

25

00:01:05,109 --> 00:01:02,320

within this instrument you have this

26

00:01:07,910 --> 00:01:05,119

flow of gas from component to component

27

00:01:10,310 --> 00:01:07,920

to manifold throughout to perform the

28

00:01:12,870 --> 00:01:10,320

science and in between these components

29

00:01:15,270 --> 00:01:12,880

we have gas pipes that are in all kinds

30

00:01:17,910 --> 00:01:15,280

of convoluted shapes

31

00:01:18,789 --> 00:01:17,920

and it's my job to see that those are

32

00:01:20,950 --> 00:01:18,799

made

33

00:01:23,429 --> 00:01:20,960

this group on sam is just a really

34

00:01:26,469 --> 00:01:23,439

interesting group of people

35

00:01:27,910 --> 00:01:26,479

one of my co-workers here has described

36

00:01:30,310 --> 00:01:27,920

it as a group of people you would be

37

00:01:31,510 --> 00:01:30,320

willing to hang out with outside of work

38

00:01:33,030 --> 00:01:31,520

and that it's it's been really

39

00:01:35,350 --> 00:01:33,040

interesting for me working with people

40

00:01:37,109 --> 00:01:35,360

who are maybe a generation older than me

41

00:01:38,630 --> 00:01:37,119

but seeing that they're just genuinely

42

00:01:41,429 --> 00:01:38,640

nice really

43

00:01:43,990 --> 00:01:41,439

interesting people that we can go that i

44

00:01:45,429 --> 00:01:44,000

can go cycling with and kayaking and so

45

00:01:47,830 --> 00:01:45,439

that's been a really nice thing just