



# Health, Safety & Environment

*in the news*

Year IV - # 4



2002 Results



editorial

# Health, Safety, and Environment - Generating business for the Company



foto: Marcelo Celio

Junji Yamamoto  
President of Kodak  
Brazil  
Photo: Marcelo Celio

All of us are aware that a company's most important asset is its name. No one wants to see it printed negatively in the newspapers. For Kodak, this is not the case.

As people are awakening to ecological awareness, exposure of environmental crimes is becoming a regular issue in the media. The same is true for health and safety: injured workers or workers affected by occupational illness are also a motive for reports to the Public Ministry as a result of negative media exposure. Unfortunately, what we see in the market is that the initiative to develop a program concerning the environment or employees health and safety is regarded as an EXPENSE and is limited to what is enforced by law.

Some companies only acknowledge that they are vulnerable when they are reported for improper waste

management and have to pay penalties and as a result they are directly exposed to environmental degradation and their key management and officers are involved in legal proceedings.

On the other hand, Kodak has been aware of this issue for a long time. To prove this, we have nine fundamental guidelines for Health, Safety, and Environment that are followed throughout our Corporation. Not satisfied with these principles, the Corporation went beyond the ISO 14001 (Environment) and has implemented OSHA 18001, a program that turns all Corporate Health and Safety guidelines in management, thus closing the cycle.

As a result we have had a slight reduction in accidents and incidents that affect our employees, by previously acknowledging both the environmental aspects and hazards/risks that affect our operations.

But our responsibility goes beyond this, as we create an awareness in our clients. It is critical to give them all our experience gained in this area, in Manufacturing, so that we can be rest assured that our products are being handled and, if necessary, discarded properly.

Therefore, we educate the market and help it recognize the value of those who enforce the legislation and perform a real community work. And this translates to added value. The combination of Health, Safety, and Environment helps entrepreneurs to fulfill their social role.

This is the distinction of our Company and makes our brand grow stronger and stronger.



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## Health, Safety, and Environment: Life Quality

**Q**uality of Life has been one of the most discussed issues in business and media environments in companies today. The question is: - Does your Company already have a program addressing this issue? Before attempting to answer this question, we have to understand the actual meaning of these words.

Quality of Life addresses the actions that make the employees sustain their well being and take pleasure in performing their activities. Is working a pleasure? The typical answer is yes, since you love what you do. And what happens when you don't like the task, but you have to perform it? The objective is to try to find ways to be satisfied. Let's focus again on the Health, Safety, and Environmental issues in workplace. A company such as Kodak that invests thousands of Dollars every year in

maintaining a pleasant work environment is investing in quality of life.

Investing in process improvement and machine guards has prevented injuries. Investing in ergonomic programs, both in production and administrative areas, has also contributed to the prevention of occupational illness for our employees. Monitoring chemicals and implementing collective protective equipment (CPE's); delivering educational talks to prevent cardiovascular diseases (employees and families), obesity, and to prevent and diagnose cancer in women and men; providing gyms at work and anti-smoking programs, among others has contributed towards work comfort.

We believe in individual behavioral change and invest in it. It is the right-to-know that is making a difference in the

Quality of life. This includes the Briefings, educational talks, the knowledge that every employee has about the environmental aspects and impacts as well as about the hazards and risks that affect his/her activity and workplace. All of this gives satisfaction.

And the highest satisfaction is shown at the end of a day's work: we can go to our homes feeling happy to have had one more safe and healthy day's work and because we cooperated with the environment by discarding the waste in proper bins. This is Quality of life, a difficult thing to measure, and hard to see; a thing that has been added to our daily life as a result of Health, Safety, and Environment programs.



Patricia Belo  
Manufacturing  
Human Resources  
Director and HSE  
Manager

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**testimonial****HSE\* Benefits**

Marcio Legrady: Product Development Director.

**A**reas covered by HSE are fundamental to our employees' quality of life. There can be no healthy and high-production work environment if the employee has no safety, health, and a place to perform his/her professional activities pleasantly.

Our environmental program has been very effective. Today the great challenge is

to maintain the high quality of life rates we have achieved. The HSE has changed our employees' lives without them noticing it. It used environmental recovery, safety, health, and quality programs. These programs are a reality in the individuals' daily lives.

Now we are reaping the fruits of a long-term and continued plan developed on the basis of enterprising goals. Today, as our employees are committed to and determined to put their knowledge into practice, they develop products that are environment friendly and they are concerned with their own welfare.

In addition, we are work-

ing on the manufacture of ecologically correct products that meet our clients' needs without degrading the environment. Kodak has also invested in alternate technologies that apply to its general internal environments.

And we make no geographical discriminations in our actions. In terms of environment, we have developed programs both in Latin America and Australia where the environmental laws are far stricter.

Kodak started to play an educational role and increased the social desire to preserve the environment.

Better than this is impossible!

**improvements****HSE benefits and involvement within the Photochemical Process**

**T**he Photochemical Division, according to Cyro Guimarães - Production Manager - has developed and implemented many projects during 2002 with HSE support. These projects address the improvement of the quality of life of its employees as well as the protection of the environment. Among the environmental projects we can highlight the bulk chemical

system renewal to improve the impermeable process system of its basins and surrounds.

Another implementation in this area was to minimize water consumption, a project that has been implemented since 2000 and reached a saving of 50% of this natural resource versus the project's bottom line.

This continued concern

with the environmental preservation has assured that the Photochemical Division meets inhouse standards and ISO 14001 certification requirements.

A number of projects were implemented to address the quality of life. With them, we can highlight the installation of a vacuum packing system in packaging line to lessen product handling dur-

\* HSE (Health, Safety and Environmental).

## environment

ing filling and packing operations.

An automatic pallet system for finished products has also been developed (Palletizer Robot). This project allowed an increase in quality of life and in preventing the risk of WMSD (Work-Related Muscular-Skeletal Disorder).



Palletizer Robot



## environment



*The results are right here to show that our Environment Management System is one of the most modern and effective. Our projects assure quality of life for employees and the community in which Kodak lives. We could adhere to a participating, neighborly, and creative environmentally educational system. The objectives set along 2002 were mostly met.*

## Gains from installing the second boiler

**K**odak invested US\$ 170 thousand last year to replace the oil boiler with a natural gas boiler. This change allowed for

a reduction in particle matter and CO<sub>2</sub> emission in addition to an increase in productivity.



Natural gas boiler

environment

# Project achieves a reduction in water consumption



On-line conductivity meter - Photochemical area

coupled reservoir system. A number of educational talks and campaigns helped the employees with water savings and environment preservation.

In the Photochemical area, the processes were changed by the installation of two on-line conductivity meters, which read the conductivity in wastewater reactors. The water purity must be the same in both inlet and outlet washing processes. Accurate measurement of this process assures effective cleaning inside the reactors. With this new measure, the photochemical area could reduce water consumption

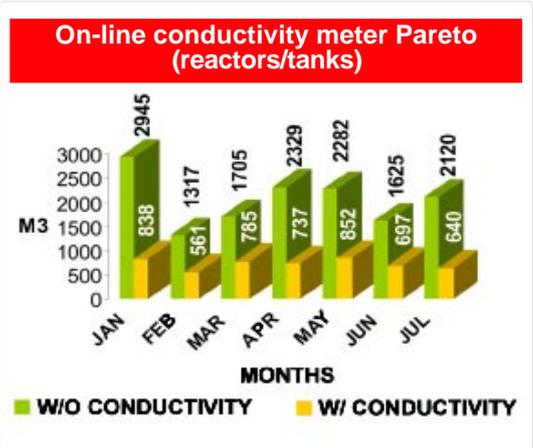
within 20 minutes using not more than 6 m<sup>3</sup>. "We save time and gain in productivity in addition to knowing the actual water consumption in each area", explains Valderi Gonçalves Marques, Electronic Technician in Photochemical area.

The goal today is to install conductivity meters in tanks and reactors of 40 and 50 families located in the area allowing a reduction of more 50% in the building's water consumption.

**K**odak estimated a 12% reduction in plant water consumption for 2001-2003. The program adopted in this area was so effective that this percentage had already been reached in 2002. Some factors that contributed to this include: renewal of sanitation facilities in the production area installation of presence-sensor taps and touch faucets as well as replacement of flush toilets by a

reduction by 21% in 2002 as opposed to 2001.

Prior to installing the conductivity meters, 40 m<sup>3</sup> of water was required to flush a ten thousand-liter reactor within almost two hours. Currently the same work is performed



**Kodak helping to produce and preserve the most beautiful image in the nature.**



environment

## Reduction in Losses

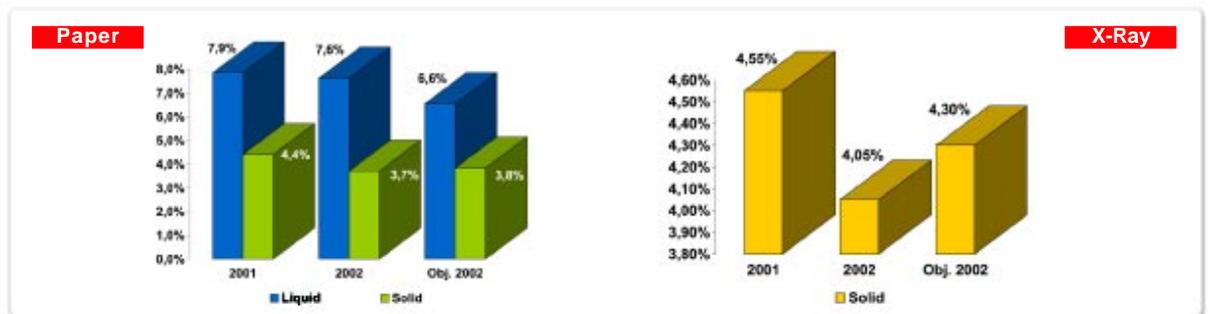
In 2002, the goal established for the Color Paper department was to minimize solid material by 13% in Sensitizing areas, DCA (Cut and Finishing Department), and KAM. We could achieve a 16% reduction of solid waste in our processes. For liquid waste, the re-

duction was 4% compared to last year.

The goal established for X-Ray department was to minimize the solid waste by 6% in the Sensitizing and DCA areas (Cut and Finishing Department) compared to last year and we achieved an excellent result: of

12% reduction.

All results were obtained by implementing project, process and work improvements and having every employee committed to the production steps.



## Recycling light bulbs

Every year, 3,500 lamps bulbs are replaced in the plant. Recycling the light bulbs

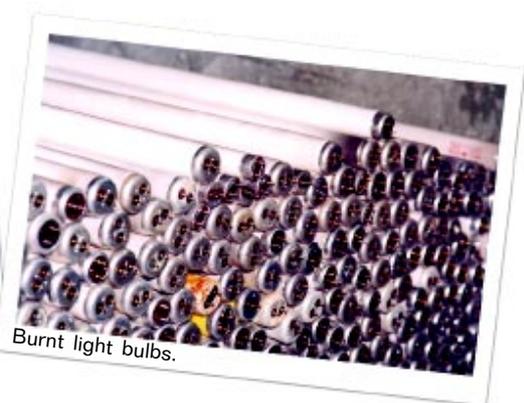
within the Company itself has already reached 100%. They are collected into special containers located in strategic

points throughout the plant. All of them are forwarded to a

company specialized in separating mercury, glass, and aluminum. Upon being separated, the mercury is reused in chemical labs and industries, the glass is used as casting flux and glass flooring, and aluminum is reused in the transformation industry.



Light bulbs storage.



Burnt light bulbs.



environment

SOIL

Solid waste

Last year, we substantially reduced the plant-generated waste. Out of 973 tons collected, 889 tons were recycled - i.e., 91.37%. And furthermore: only 6.47% of the waste produced was taken to landfills

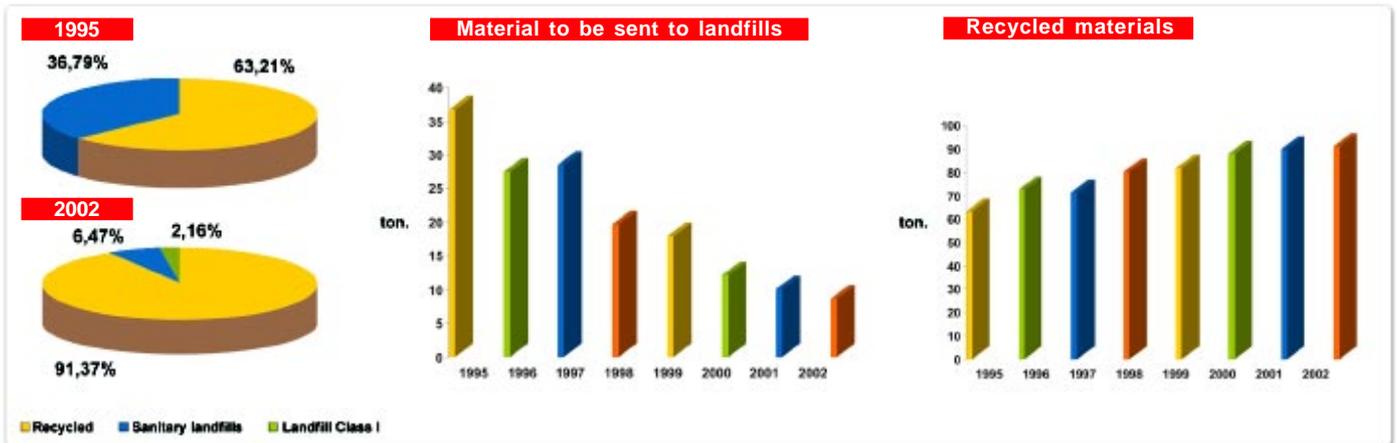
and 21.6% of contaminated packaging was taken to class 1 landfill.

From 2000 to 2002, about 1,195 tons of paper and cardboard were reused. Thus, cutting down a further 26 thousand trees was prevented. For the same period, recycling 468 tons of several types of plastic pre-

cluded the extraction of 61 tons of petroleum from the soil. Consequently, resources such as water and power have been saved.

“This achievement is the result of the awareness and participation by all of our employees and vendors”, relates Pedro Ulian - Warehouse/Recycling Supervisor.

Waste Recycling Center - Results



Kodak environment





safety

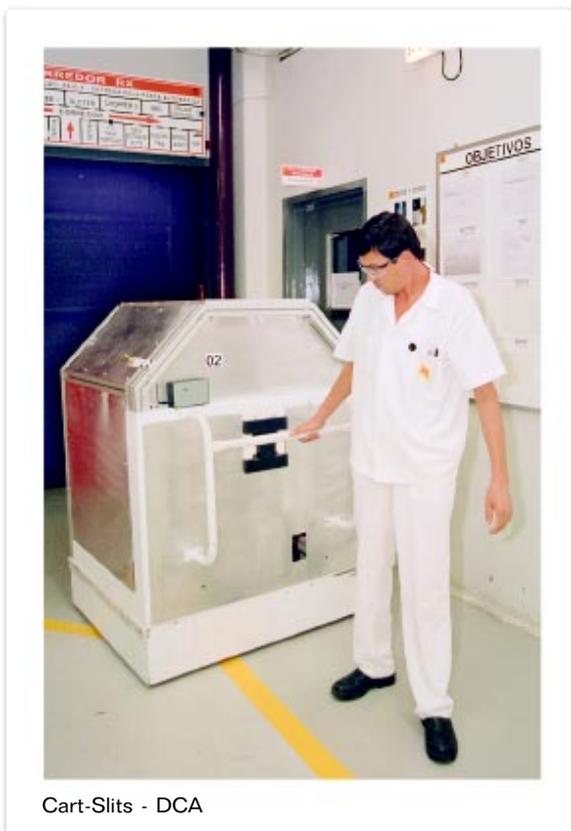
# safety and occupational hygiene



*There are number of reasons to be happy and proud in being a worldwide safety benchmark. Last year results encourage us to seek the Zero Accidents goal. We also had to be more creative and develop programs to fully eliminate accident hazards.*

*For this, Kodak maintained the investments made in machine and process improvements, worked to become the safety and occupational hygiene differential in its employees' lives, and encouraged the process of forming action educators to assure safety both at work and home.*

## CART-SLITS Project



Cart-Slits - DCA

**T**his project was a HSE investment to minimize potential incidents when handling SLITS in DCA. A high number of incidents had been recorded over time in this process due to improper cart handling.

Thinking along the lines of machine improvement, the CART-SLITS project was developed to eliminate the V-Bed carts to minimize movement in dark areas. A new lighting system was installed using fiber optics to replace the old system that was ineffective.

A change in the layout was also made (manual handling turned to robot handling) at SLITS stations.

Upon changing the system, handling carts full of slits in dark environments was minimized as well as the ergonomic hazards (the operator has no contact with the product). We can also see a significant improvement in the product quality.

## Electrical Safety Benefits

Kodak has devoted maximum importance to the Manufacturing Process Safety and could not omit electrical safety, an issue of extreme importance that is embodied in our lives.

In 2001, the Electrical Safety Committee was built and is comprised of HSE representatives and electrical area technicians. Among other activities, this group has the task to identifying non-conformities and improvement opportunities for electrical installations.

This committee identified and prioritized improvement opportunities in electrical panels per risk assessment, dividing it into steps. The first step of the project started in 2002 when about 22 new panels were installed or renewed in many areas in the plant. In this step,

US\$ 150 thousand were invested.

Another initiative of the Committee was to work on electrical housekeeping that is implemented throughout the areas with the purpose of renewing old installations and removing obsolete installations;

in 2002, almost US\$ 40 thousand were invested. Another initiative was to develop the standard installation and electrical components book that, in addition of assuring safety aspects, results in cost effectiveness. As a preventive action, it was established that each Committee representative is responsible for approving all changes and new projects with the pur-



Participants of Electrical Safety Committee

pose of detecting potential failures and assure the compliance of the electrical installation. The Committee will proceed with the works to assure the employees' safety as well as the installations quality and compliance with Corporate technical standards.

## Material Safety Data Sheets

In 2002, Kodak made available 253 MSDS's - Material Safety Data Sheet - for domestic and imported finished products for 100% of our products. This documentation is available both in Internet and Intranet to our clients and employees. It is worthwhile to remember that the MSDS is an international standard document and has 16 sections to provide fundamen-

tal knowledge about chemicals, recommendations on protective measures, transportation, handling, storage, actions related to risky situations, etc.

Access the Intranet site, type <http://hse.kodak.com> and choose the link MSDS - Material Safety Data Sheet. In the site [www.kodak.com.br](http://www.kodak.com.br), you can choose the option *Produtos e Serviços* (Products and

Service), Kodak Brasileira, then the option *Proteção ao Meio Ambiente* (Environment Protection), and finally MSDS.

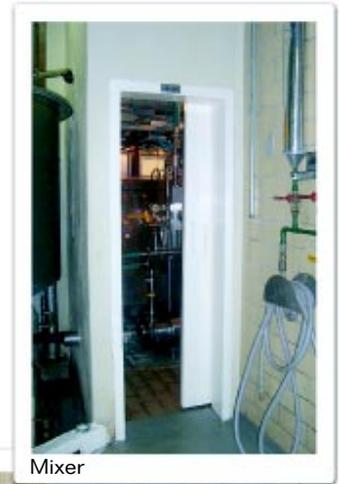
**safety**

## Projects for Acoustic Reduction

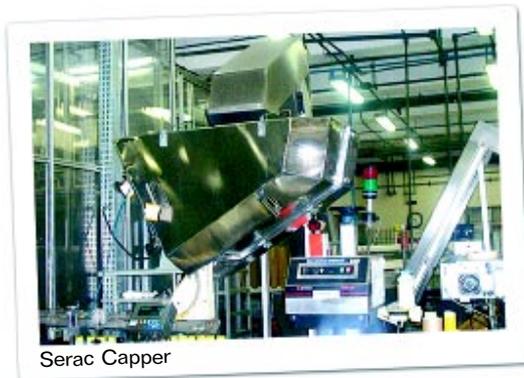
With the purpose of providing a better quality of life, in 2002 we conducted acoustic reduction studies involving the engineering and HSE areas.

Three projects highlighted for the effectiveness. See how much there was a reduction in decibels in the areas:

- Photochemical - Serac Capper - reduction of 14 dB(A)
- Utilities - Furnace air blowers - reduction of 20 dB(A)
- Sensitizing - Mixer - reduction of 8 dB(A), preventing the need in wearing ear protection



Mixer



Serac Capper



Furnace air blowers

## Benefits of the HSE involvement in projects conducted in 2002



Associate with a palletizer.

### "Make To Coat" Project

It was an important project that started in 2002 in the dispersion production area developed by the design department in conjunction with the HSE. The change was in the

packing and handling in the Paper Dispersion area. Currently they are placed in 1000-liter containers thus minimizing the product handling. For this project we also developed an alarm system on the floor to draw the employee's attention when he/she crosses the aisle thus preventing accident hazards. During the project's detailing phase we conducted a drill outside the buildings and used a palletizer to check that the layout would be suited for indoors operation.



## Reduction in mileage

**K**odak has once again invested in quality of life for its employees. This time, the benefited workers were the machine operators. The company installed electrical steering in five forklifts and ergonomic controls in ten transpallets. Results for opera-

tor function segregation reached 83% in DCA (Finishing Department), 59% in DPF (Photochemical Department), and 35% in Sensitizing. The main benefit resulting from this action was to minimize in-house machine traffic in kilometers driven. This means 46%

less traffic in DCA and 53% less in DPF.

"In addition to optimizing the machine work we could improve the employee's performance. Today, using only one finger the operator can maneuver in any direction", says Airton da Silva Filho, specialist in materials handling. ■



## Occupational Hygiene Index

OHI - Occupational Hygiene Index - measures the percentage of employees not exposed to noise and chemicals (as defined by legislation) showed a 17% improvement in 2002. While the law permits this exposure under proper controls and preventive measures, Kodak's point of view is to fully eliminate this exposure to achieve 100% OHI. ■

## Incident Record Form

Implemented in 2001, the Incident Report Form is used throughout the Company areas as an excellent preventive tool. The form was standardized to facilitate the informing of all and any incident occurring in the area and that might become a risk factor for all of our employees. After the employee has filled it in, the Safety Officer reviews

this report over the course of the year and then an action plan is developed to solve the problem. ■

## safety

### Example of how GAPA acted in 2002

Before - Methods for handling 200-kg drums, which were used to transfer chemicals.



Handling drums - before

After - Product transfer by pump with no need to handle drums.



Direct transfer - after

## In-house Accident Prevention & Environment Week



**S**IPAT & MA was arranged by CIPA (In-house Accident Prevention Committee) with the support of HSE Department. The theme for 2002 was: "Safe behavior, valuing health". Many activities were conducted such as contests (several teams), TELESIPAT - contest of statements, DIPAT

& MA - In-house Accident Prevention & Environment Day, parody contest, and presentation of booths having health, safety, and environment as themes; this event counted on the participation of 1,000 employees and vendors.

## Vendors

**K**odak has set the date and time for safety meetings with the participation of vendors. This measure assured an improved familiarization of companies with HSE standards.

During the induction,

Kodak handed over an environment and safety guideline manual to each contractor. These guidelines must be strictly followed within the plant and at least once a year these companies will receive an

update to the manual. Thus, Kodak achieved an improved commitment with safety.

Last year, 220 potential risky work permits were issued, but no event were recorded.



## CIPA & GAPA



CIPA members

**A**lways being concerned with safety, in 2002 CIPA could encourage more employees to change their behavior both inside and outside the plant. The goal was to reduce the work related accidents by 50%. "We achieved such good rates in this area that today we can say that CIPA focuses on potential incidents and not only on the accidents", explains

Marcelo Pinton, Production and Process Manager in Making area and CIPA President for 2002/2003.

CIPA & GAPA members that act as multipliers in their areas performed a preventive work during the year and that helped to remedy the incidents immediately. Safety officers acting in the areas and the involvement of Company manage-

ment with the behavior safety process were critical for the results obtained last year. The contest for safety statements that is conducted every month by Radar (CIPA Communication Committee) showed that the employees are more and more involved with the accident prevention.

The performance matrix that HSE uses to investigate and report all incidents was changed last year. Currently each GAPA representative is responsible for implementing his/her area objectives. This decentralization allows a cross checklist that increases the individual's responsibilities and provides ways to seek better results.



## Cipa Slogan Contest - Winner Statements

"In Photography Field the Quality is Fundamental, in your life Safety is Essential."

Camilo Visoto - September

"It is not worthy to risk, Safety is first."

Geraldo de Oliveira - November

"...do not let safety fall, as fall leaves."

Marcos José Gonçalves - March

"Dating means passion. World Cup means emotion. Safety means Awareness."

João Batista - June



safety • health

## Accident Statistics

In order to minimize the risks in the work environment so as to reach the Zero Accidents goal, Kodak has invested both in projects and its employee's awareness. By these

we could maintain the same accident rates compared to last year's accidents and no days away from work occurred.



## Inside Air

Another action that has brought excellent results is the implementations of Maintenance, Operation, and Control Plan - PMOC with the purpose of improving the quality for acclimated air and provide comfort for our employees. To make this project viable the in-

house Air Quality Committee - CQAI was formed with the participation of representatives from many areas. This committee evaluates and monitors the air conditioning system to make sure that it is suitable for the Company's work environment.



*A healthier life makes people happier and feeling better. Therefore, the Occupational Medicine Department in the HSE area invested heavily in its health programs last year. Our records show progress in many preventive programs for the employees and their families. A number of minor campaigns, such as Holistic exercises and Flu Prevention, have resulted in major effects. For Kodak, the Planet's Future is a matter of action, education, and health. See the data below.*

## Early Detection Exam for Breast Cancer

An important program in health area is the Early Cancer Detection Program. Last

year, 49 employees of 40 years of age or older were subjected to this examination. Every

year, the awareness about the significance of this exam has increased.

## What 10 minutes can mean to you since your participation is effective.

**K**odak has evidenced, via surveys, good results in Company Gym Program - PGLT. Last year, about 350 people from different areas participated in the project. The purpose of this program is to help the employee to improve his/her physical condition and health. "What is important is to match the quality of life integrated to the work environment. Besides, contributing to a decrease in work absenteeism", says Tânia

Zillio, PGLT Coordinator. The program provides compensatory physical exercises as well as body awareness to increase the employee's self-esteem and prevent injury and problems related to repetitive stress. The program's participants believe that this continued practice increases physical condition and posture and decreases muscle tiredness providing more vitality and promoting sociability.

In PGLT, the employees' also learn to practice exercises that may be done during work or at home, at any time. Let's participate!



Employees participating in the Company's Gym.

## Therapeutic Group

**T**he Company's Gym Program (PGLT) also has a therapy group intended for those individuals who have physical and emotional problems. Meetings, with groups of up to 15 individuals, last for one hour each, twice a week. Ex-

ercises specific to breathing, posture correction, and relaxing are the basis for the body therapy.



Employees participating in the Company's Gym.

## First Aid Brigade

**A**nother important action in Health area during 2002 was a volunteer associate group formed to act as first aid responders. There is a trained associate in each area to provide first aid until the nurse arrives in the department. They are frequently trained and within the company.



First aid drill.



Volunteer group in the program.

health

## Overweight/Obesity Reduction Program

**A** Program to manage obesity and overweight was implemented in 2001 by the Medical Department. In 2002, the project covered 136 employees that were divided into three groups according to their BMI (Body Mass Index). With the help of Weight Watchers a

menu including low-calorie food was developed and also practicing physical exercises was encouraged. Obesity and Overweight are risk factors in developing cardiovascular diseases (heart attack), hypertension, diabetes, and some types of cancer (endometrium,

breast, and colon-rectal). On adhering to a food intake reeducation and practicing physical exercise, the results were favorable and 102 employees decreased their weight significantly.

## Vaccines

**I**n 2002, the Work Life Quality Program - PQVi conducted important immunization programs in the health area, promoted by the Medical Department.

Anti-flu Vaccine: 654 employees and 669 employees' families were immunized in Sao José dos Campos.

Anti tetanus Vaccine: 219 employees' were immunized on Quality Day. Vaccine against yellow fever was recommended to all employees' working in the country's



Vaccination Program.

endemic areas (Central-Western and Northern region).

## Program: Antismoking

**T**he antismoking program achieved excellent results in 2002. The program is a part of Work Life Quality Program. 23 employees participated in the program and were divided into three groups: 17 individuals

stopped smoking and only 4 had a relapse. These groups meet over six consecutive weeks and they are given guidance on anti-smoking and information on how tobacco is bad for health.

The Medical Department fol-

lows up the employee for a year after the program is completed with the aim of checking on recurrence.

### Risk Group

**P**roceeding with the actions toward employees' health improvement, the Health Committee of Life Quality Program (abbreviation in Portuguese, PQVi) followed up on the employees'

included in risk group every six months. These individuals had already been diagnosed and showed health issues, such as high blood pressure, diabetes, high cholesterol levels, cardiopathy (heart diseases), and epilepsy.



## Check-up

**M**anagers and directors participated in the Second Checkup in 2002. The examination was performed at the Policlín Hospital, in São José dos Campos, and in Fleury Labs. In case of employees located in São Paulo. This program addressed preventive aspects and early diagnoses. Laboratory, radiological, ultra-sound, ophthalmologic, cardiologic, and endoscopic testing are performed. In addition to these exams, physiotherapy, psychological, and nutritional evaluations are performed. We can assume that the program was successful regarding the participation of our employees since almost 100% directors and managers participated in it.

## Quality Day

**O**n Quality Day, which took place in August 2002, the emergency room promoted a campaign for performing two important exams: Cholesterol and glycemia levels measurement. 106 employees adhered to cholesterol measurement

and 125 employees adhered to glycemia measurement. These actions are a part of occupational medicine area to diagnose potential diabetes cases early and changes in cholesterol levels of our employees.



Quality Day picture.

## Hearing Preservation Program

**T**his program is an additional action carried out by the Occupational Medicine Department in conjunction with the Safety Department. For this

examination, a report is developed to highlight the greatest risk areas for the employees and which are established by the PPRA (*Programa de Prevenção de*

*Riscos Ambientais* - Environmental Risks Prevention Program). In 2002, 142 audiometric tests were performed.

## Periodical Examination

**P**eriodical examination is conducted every year by the HSE Department through the Occupational Medicine area and in 2002 it covered 90% employees. Testing is performed according to each one's risks function (chemical, physical, bio-

logical, or ergonomic), which are established beforehand by PPRA (*Programa de Prevenção de Riscos Ambientais* - Environmental Risks Prevention Program) through the Safety area. With this information at hand, the Medical Department performs

the tests and, if required, a specific test for each function's risk. These tests are a part of Medical Monitoring Program of Occupational Health. (abbreviation in Portuguese, PCMSO - *Programa de Controle Médico de Saúde Ocupacional*).



## Blood Donation Campaign



Two out of 67 blood donors in the campaign.

In 2002, the "Blood Donor Day" took place. The campaign is a continuation of actions for human support and solidarity. This program consists in meeting the transfusion needs of the employees, as well as their direct dependents in case of scheduled or emergency situations. The material is collected in the emergency room located at Kodak by an

outside blood bank employee. 67 donors participated in the campaign.



Collected blood stored.



*Kodak, being aware of its social responsibility, has been developing continued actions to provide better quality of life to its employees' and the neighboring community where it is located.*

### Blood Donation to the Community

As a part of the community's initiatives, in 2002 a woman living in the community needed to receive blood. Kodak allowed its volunteer employees to participate in this campaign.

### Satisfaction Survey

Last survey conducted with the participation of the community, in 2002, showed optimum results. The residents reported that they are satisfied with the company action in the area. As a result of this level satisfaction, we will be continuing to invest in environment awareness and quality of life for neighboring people.

This is the third survey. Listed below the results of community's level in previous surveys with the topic "satisfied people or very satisfied people".



## community

## Life Quality - Environmental Education with the Community

Kodak and the *Sociedade Amigos de Bairro do 31 de Março* (Satumar) hold meetings once a month. The meetings are held within the Company where the neighboring residents are instructed on many issues: environment, fire fighting, and other issues of interest to the community to achieve an improved quality of life in the neighborhood. In 2002, two photography courses were

developed. For this relation, a communication channel directly to Kodak was established



Aparecida Fernandes Karatanasov

and where the improvement needs of the neighboring community are presented. "Our area has achieved a number of improvements. Currently we can discuss and talk about our difficulties, such as if we need the area to be cleaned or if a square has to be rebuilt. The community is very happy with this help", comments Aparecida Fernandes Karatanasov, neighborhood representative.

## Environment Patrol

The Environment Patrol Program continues to fulfill its role in achieving environmental awareness within the community. In 2002, 49 patrol members graduated, all of them students from the 8th grade at the elementary school and from the first grade at the *Nelson Nascimento Monteiro* high school, located in the community. The school itself chooses the students and the training course lasts for three months comprising of one class per week. They are instructed about citizenship, environmental awareness, and photography classes, in addition to visits to the water treatment plant (Sabesp), Urbam, and State Garden. At the end of training course, the students are divided into groups and play the parts given during the course.

The purpose of this project is to graduate patrol members with the aim of being environmental awareness educators so that this

knowledge may be implemented in the district schools. Rodolfo Emanuel Guimarães was one of the participants of the 4th group. He confesses that he had no knowledge about the area's environment; he didn't even know where to find out about this subject and that the course given by Kodak helped a lot in changing his and his family's habits. "Kodak showed me the importance of screening garbage, saving power and water. I have been practicing what I have learnt at home. My family makes better use of food; they learned to turn off the lights when leaving any room at home and then we could reduce our power consumption by almost 50%. I had no idea that a Company such as Kodak could teach me to acquire environmental awareness. I was impressed to know that the plant treats the sewerage, performs the cleaning work, and reuses the water.



Rodolfo Emanuel Guimarães.



2002 Patrol Crew.



Members receiving the certificates.

community

# Patrolling at KAM

The Environmental Patrol Project is being successfully implemented at KAM. The first phase of the program, which started last year, counted on 20 students from the elementary school – 7th and 8th grades of the *Escola Rilton Leal Filbo*, the school chosen to initiate the project.

During the weekly meetings, the students learn both in theory and in practice on how to selectively collect the garbage, how to recycle, and about the 5S Program. Activities in-

cluded visits to Sovel (paper recycling company) and Cometais (metal recycling company), landfills, Manaus port, INPA – National Research Institute and a photography course. At the end of this phase, 18 students that achieved a participation rate higher than six points qualified for the second phase of project.

They were divided into four groups to work the subjects chosen by them. Each group developed a project that will be implemented until June/2003 at the *Rilton Leal Filbo School*, with the support of KAM personnel.

Each one of the three groups chose the subjects: “snacks losses”, “selective collection”, and “recycling paper and plastic”; the fourth group decided to work the 5S and the target actions were the school’s sanitation facilities; the fifth group was responsible for the

awareness and fulfilling the other participants’ needs.

The first phase was closed on Quality Day, when all students went to the auditorium at the CECOMIZ Shopping Mall. For the second phase, KAM personnel hold meetings with the participation of patrol members twice a month so that to check the works progress.

“The results has been so favorable that we are forming new groups at another school”, says Ângela Araújo, Administrative Assistant.

Project’s participants:

Deisy Ataide, Gilson Silva, Amarildo dos Santos, Marcelo Pereira, Viviane Angélica, Amarildo Raulino.



Member of KAM Patrol group.



Members of KAM Patrol group.

## Open House

### Conversations: Students in Kodak

**K**odak continues to conduct the Environmental Education Program for students over 12 years old. The number of participants increases each year. In 2001, 560 students visited us. This year, we had 672 participants and we received 26 schools in the region. During

the time at which they are in the Company, they participate in talks on the environment, receive tips to taking pictures, tour the production area, and get to know the outside area at the plant. At the end of visit, a study group prepares to check on the what they havalearnt.



Students in Kodak.



Student in Kodak's restaurant.

### Employees' families and the Community

**O**ur employees' families continue to participate in the "Environmental Education Open House Program".

In 2002, about 72 families, totaling 360 participants, were involved with the project of which the purpose is to increase the environmental awareness. Conversations about environment and a tour in the associate's workplace are scheduled in addition to a tour at the plant to get know our fa-

cilities.

This is another action of Work Quality of Life Program tha has cooperated to achieve the project. This program is open to the community as well. Last year, about 650 people participated in the visits and attended many talks on the environment. They had the opportunity to tour the plant and know how the garbage is screened and how the sewer is treated.



Employees Families.

### Donations

**D**uring 2002, 21 tons of different plastic material and disposable plastic cups obtained from the selective collection at the plant were donated to institutions such as APAE - Disabled Parents and Friends Association in the city of Pindamonhangaba and Recycling Cooperative Society São Vicente, in the city of São José dos Campos.



System of selective collection at Kodak.